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## **GENERAL FAQs**

### **Q. Why this competition?**

“Hygiene-mania” is an international level online programming contest for kids to design or create their own GAME, APP or Animated story in Scratch, MIT App or Python programming. We want to showcase young talent and thoughts across varied programming platforms and bring innovative ideas to stop, control or create awareness for the spread of Covid-19.

### **Q) Can I participate in two or more categories?**

Ans. Yes , but project ideas should be different in all the categories.

### **Q) My age is 9 years. Can I participate in the age group 11 to 14 years.?**

Ans. Yes, but one participant from your team should be older than 10years.  
If you are registering individually then you cannot participate in that age group.

### **Q) Is there any advantage to scoring if we create a project using python instead of other coding languages?**

Ans. No, there is no such bonus point for using python over other coding languages.

### **Q) Is there a different fee for individual and group entry?**

Ans. Yes , If you participate individually then the fee is 400 rupees /- and for the group(2 or 3 students) 600 rupees.

### **Q) Do I need to pay a fee for participating in different categories ?**

Ans. Yes you can participate in all categories, but you must enrol and make payment of the fee for each category. For individuals, a fee is 400 rupees /- and for the group(2 or 3 students) 600 rupees.

### **Q) Is there any advantage to scoring if I participate individually instead of team?**

Ans. No, whether you participate individually or in a team. Participants will be judged within their age groups and coding software categories.

### **Q) Is video for project explanation compulsory ?**

Ans. Yes, There are points for video

### **Q) Is it compulsory to attend webinars?**

Ans. Yes, Participants can learn many new things in an exciting way.

### **Q). Is a teamwork photo needed if I'm the only participating individually?**

Ans. Yes ,you can submit a photo of yourself while working on a project.

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### **Q). Can I participate individually and, in a team, also?**

Ans. Yes , you can participate but you cannot participate in the same category. In other categories you can participate in the team. **(e.g. - Individually you are participating in the “scratch category” and also want to participate in a team in the “ scratch category” that is not allowed. You can participate in MIT/python in the team but not in scratch.**

### **Q. Can I change my registration to team from individual after registration?**

Ans, No , at the time of registration you need to choose whether you want to participate individually or in a team.

### **Q) How do I submit my project?**

Individuals and team participants will receive a link ,there will be submission form you have to fill details after you can upload your project.

### **Q) For help ,how can I contact you?**

Ans. You can write mail us: [FIRC2020@gmail.com](mailto:FIRC2020@gmail.com), you can make a call us on ph no.022-48972006 or mobile no. +91 7045200303

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## FAQ For Python

### **What kind of solution needed to be designed in python?**

Ans. You can design any kind of solution related to the theme of the competition. It can be a normal text based game or solution, UI based solution, Image Processing or high end machine Learning solution.

### **Will you judge on the complexity of the code?**

Ans. There are various parameters to judge the solution like - effectiveness of the solution, applicability of the solution, Documentation, program efficiency and quality.

Complexity is not a parameter as such but technology used will be considered.

### **Which will be more preferable - game solution or other app or program solution ?**

Ans. It depends on the effectiveness and applicability of the solution. It does not matter whether it is a game or any other type of solution.

### **Can we make a solution using multiple programming languages? For example, some of python and some of JAVA Coding.**

Ans. No, You should only use python coding as your main programming language to design the solution.

### **Is there any restriction on using specific software for python programming?**

Ans. No, there is no restriction on using a specific software, you can use any programming software but the code should be written only in python coding.

### **What do we have to submit?**

Ans. You have to submit proper documentation of the solution along with the solution code. It Should be explaining the code and its working properly.

You also have to submit a video, in which you have to explain the solution and its results.

### **What if my submitted solution does not work on your system?**

Ans. We will be using high end latest devices to test your solution and You Should explain your approach and all the external libraries that you have used in your project. So that we can do the needful changes to test your code.

### **Is there any limitation on the technology used in the code?**

Ans. There is no limit on the technology usage. You can make a very simple solution with very simple code or you can use latest technologies like Image Processing, Machine Learning etc

### **Can my solution have multiple Codes?**

Ans. If there are multiple codes used in the solution then you have to specify that in the documentation and you also need to explain how to execute it.

But if you can execute the solution with one code then there is no need to make it complex. It will not add any extra points.

### **Do we have to design a totally unique solution or can it be modified into an existing solution?**

Ans. Unique solution is preferable but if you design a solution which adds significant improvement and value to the existing solution in your own unique way then that type of solution will also be considered.

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## FAQ For Scratch Programming

### **Which scratch programming software needs to be used to participate in this competition?**

Ans. You can use either scratch 2.0 or 3.0 to participate in this competition. If your laptop does not support the installation of this software, you can also use the online scratch programming platform to participate in this event.

### **What are the judging parameters for my project submissions?**

Ans. Please refer to the rubric sheet for the same.

### **If I am participating as a team - can all of us in a team submit different programs for the same project?**

Ans. No. Each team can submit only one program for competition. If you submit multiple programs, your entry will be considered invalid.

### **Can I use background music in my scratch file if I am working on an animation?**

Ans. Yes. You can use the music of your choice to make your animation look more interesting.

### **What is not allowed to be used while writing a code in scratch for this competition?**

Ans. You can use all the blocks & extensions as offered by Scratch programming software. Any 3rd party software & their extensions are not allowed to be used to participate in this competition.

### **If I am making a story animation, is there a restriction on time?**

Ans. Yes. Your story should be minimum 3 minutes & maximum 4 minutes long. Adhering to the time limit is a must to stand eligible for judging.

### **Do we have any restrictions for quizzes?**

Ans. Yes! You should have at least 10 questions in your quiz programming. Try to use multiple backgrounds & sprites while creating your quiz. Also try to be as creative & innovative as you can.

### **How many minimum level should be there in the game?**

ans. In game there should be minimum 3 levels but difficulty level should increasing in each level.

### **How many characters can be introduced in a game?**

Ans. There is no limitation on characters/sprites, you can introduce as many characters you want to introduce.

### **Can I upload background other than software backgrounds?**

Yes you can you use whatever you want to use.

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## FAQ for MIT App Inventor

### What parameters should be taken care off before project submission?

Ans. Make sure that the app you have built is competent to be used on most of the android phones & that the layout & functioning of your app does not change from phone to phone.

### Can I use the machine learning extensions offered by App Inventor in my application?

Ans. Yes, you can!

### Can I use an existing app/game /quiz?

No,

### Can I use extension in myapp?

Yes, you can use any extension from MIT.

### Can I use another platform on app inventor?

NO, Judges will be using code.appinventor.mit.edu to test apps. Because the different platforms have different components.

### Is there any limitation on using components for making projects?

No, you can use as many components you want to use.

### Is there any limitation on use of no. of screens?

No.

### How many minimum questions required for Quiz app?

There should be minimum 10 questions.

### How many level should be there in the game app?

In game , there should be minimum two levels and version of app should also be mentioned.

### Is app version compulsory?

Yes , it is mandatory for all three categories to mention app version in their app.