

Robotics competition - 7th edition

24 - 31 January, 2021

Coding competition information



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Eduprime Robotics Competition– 7th edition

Coding Competition

Date & venue: 25 - 31 January, 2021 – Online.

Time: Evening slots will be provided post registration date.

Eligibility: The competition is open for all students of Eduprime who have completed level 4 and above.

Registration date: Before 15 January, 2021. Registrations will not be accepted after last date. On the spot registrations are not allowed. The participant has to register by filling all the necessary details on the registration link sent via whatsapp.

Components required: Laptop and active internet connection. (Level 4 kit and level 1 kit can be kept during competition, although it is optional).

Competition format:

- There will be multiple rounds, wherein the participant has to create programs/codes in the Level 4 coding software.
- In each round, two or three participants will be facing each other for a knock-out.
- Every round will have 3 questions in it, with a time limit of nearly 15 mins overall.
- The participant with maximum correct solutions will move to next round.

Question types: There are 4 types of question, out of which any 3 shall be asked.

▪ **Type 1: (Rectify error)** – *time limit 3 mins*

A program will be shared which will have some errors in it. The participant has to create the correct program rectifying the errors in it and submit. The program can also be checked before submission by uploading it in their board (optional).

▪ **Type 2: (Word problem)** – *time limit 3 mins*

The participants will be given a word problem and they have to create a program to solve that problem. The program can also be checked before submission by uploading it in their board (optional).

▪ **Type 3: (Alternate program)** – *time limit 3 mins*

A program will be shared and an alternative program has to be made with different blocks asked in the question. The shortest and fastest program will get maximum points.

▪ **Type 4: (Solve the puzzle)** – *time limit 3 mins*

A question will be shared along with scattered blocks. The solution has to be made by using the scattered blocks only. The participant finishing the program with all scattered blocks fastest will get maximum points.

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General rules:

1. The laptop must be completely charged & keep the charger ready as well.
2. The network connectivity should be good enough. Disconnection shall not be considered, no extra time will be given.
3. In case, if anyone is using the level 4 kit and level 1 kits to verify their program, then they need to test all the components properly before the competition. To get any component, order it before 15 January, 2021, and it will be couriered to you.
4. The points system will be explained post final registration date.
5. Judge's & Eduprime team's decision is final and it has to be respected. Any concern must be addressed after the competition round is finished.

The winners will be announced on our official website, www.eduprime.com - by 8 February, 2021.

Note: *A sample question will be shared soon to help the participants understand about various rounds.*

*Kindly go through the document properly. We have tried to cover all the questions and queries you may face. In case any query is not covered in this document, you can call us on **09167661282 / 022-25001013** on weekdays, 11 am to 4 pm only. Evenings we are busy in batches with our young masterminds.

Frequently asked questions (FAQ)

Q1. How to register for coding competition?

A: A registration link will be shared in the whatsapp message. Visit the link and submit all the necessary details to register on or before 15 January, 2021.

Q2. Is it compulsory to have the level 4 kit or any other level kit for coding competition?

A: No. It is optional for participants to have the kits with them. If the participants are sure about their code then they can submit the code directly without verifying it with the kit. However, they have the option to check their codes on kit as well (this can consume time), but no extra time will be given for that.

Q3. What if my laptop is out of power or network gets disconnected during competition?

A: Neither of these problems shall be considered as an excuse. The participant has to make sure that the laptop is properly charged or keep the charger connected to laptop.

Q4. How will I get the questions for my round?

A: The questions will be shared during participant's round by email. The question will be given in coding software file format. The participant needs to download it before the round begins. Rest of the things will be explained during competition.

Q5. There are 4 types of question, which questions will I get in my round?

A: There will be only 3 questions asked in each round. The participants have to prepare themselves for all types. Some sample questions will be shared post registration.

Q6. How will my codes be checked?

A: The codes will be checked instantly online as participant has to enable the screen sharing from his/her side. The live screen feed will help us to determine the scores.

Q7. I do not have coding software? What should I do?

A: You can get in touch with us for software assistance, before 20 January, 2021.

Q8. When will I come to know about my slot?

A: The slots will be drawn on orientation day on 24 January, 2021. Details of same will be shared soon.