No: SCERT/Acad/Competitions/901/2021/ 5479   Dated: 18 /10/2022

To
The In-charge / Headmaster / Principal
Govt./ Aided / Unaided Primary, Upper Primary,
Secondary & Hr. Sec. Schools of Goa

Sub: Bebras India Challenge 2022

Sir/Madam,

Bebras (www.bebras.org) is an International Student Computational Thinking Challenge organized in over 70 countries and designed to get students from all over the world excited about computing. The challenge is a great way to learn about computational thinking and problem-solving skills.

The Bebras challenges are made of a set of short problems called Bebras tasks. The tasks are fun, engaging and based on problems that Computer Scientists enjoy solving Bebras India Computational Thinking Challenge is organized by ACM India's CSpathsahala initiative. It is free and will be open for the classes 3rd to 12th (from 8 -18 years).

The Bebras challenge is free and the registration is open for the challenge. The schools have to register through the link **https://bebras.cspathshala.org/admin/**. After the registration, upload the student's information using your school login link. The challenge is available in English for all classes (class 3 to 12), in Marathi (class 3 to 8) and Hindi (class 5 to 10). For any queries, kindly contact at challenge@bebrasindia.org.

Kindly encourage as many students from your school to participate in the Bebras India Challenge 2022.

Yours faithfully

(Nagaraj G. Honnekeri)
Director SCERT - Goa

Encl: Teachers Instructions – Annexure-I

Copy to:
1) Director, Directorate of Education, Porvorim Goa
2) State Project Director, Goa Samagra Shiksha, Porvorim, Goa
3) Project Director, PMU – CARES, DTE, Porvorim, Goa
4) Dy. Director of Education, North/Central/South Education Zone
5) ADEIs of all twelve talukas to disseminate the information in their respective taluka
6) Concerned file
7) Guard file

Teachers Instruction

How do my students participate?

You can register as a coordinator once registration link is open. You can enter as many students as you want to and will create a log-in for them. This way, we can collect important data for you and send you an in-depth report on the results. That includes grades, aptitude and certificates. Just follow the Coordinators' Instructions; they will help you register.

The challenge can also be taken using mobile phones
Challenge URL: bebras.cspathshala.org

What does my school need to conduct this challenge?

The only thing your school needs is a connection to the internet and some computers that the students can use to complete the challenge.

Who should participate in this challenge?

It is recommended that all students take the challenge, because one of the objectives of this challenge is to discover aptitude. The small tasks in this challenge start off relatively easy so every student can participate and get something out of it.

When will the challenge be held?

The official challenge can be conducted between 14-30 November 2022.
Challenge URL: bebras.cspathshala.org

Instructions before and after registration

Students don't have to prepare for the challenge. There are several easy steps for you to take in order to make the challenge successful.

Before the Challenge

- Each participating student will need a computer connected to the internet.
- The challenge can be conducted between 14-30 November 2022.
- If your school has limited lab space, you can run it on multiple days. If you decide to do so, please try to limit the interaction between students who have completed the challenge already and those who still have to complete it.
- Students can take the challenge from home on desktop or mobile device.
- A practice challenge is available for your students till January end. They may take the same to familiarize with the tasks and format.

Week of the Challenge

- Make sure everyone understands the format of the challenge. There are 9-15 multiple-choice questions.
- Instruct students to visit the website and follow the directions listed there. You may administer the challenge offline.
- Supervise the challenge. The system will give each student exactly 45 minutes to answer the questions. Teachers can provide scrap paper and pens/pencils to students to assist them in solving the problems.

Challenge URL: bebras.cspathshala.org

After the Challenge

- Make sure you save the results of every student. That way you can discover aptitude. We will reward the students with a certificate.
- Discuss the solutions with your class. They are available online after participation and give detailed information about the connections to Computer Science.

How does the scoring system work?

Each task you solve is sorted in a category: A, B or C.
These categories all contain 3-5 tasks and they increase in difficulty.
You start with some points and can gain or lose points as follows:

A category questions:	B category questions:	C category questions:	
+6 points for each correct answer	+9 points for each correct answer	+12 points for each correct answer	
0 points for no answer	0 points for no answer	0 points for no answer	
0 points for each incorrect answer	-2 points for each incorrect answer	-4 points for each incorrect answer	