



Centre of Excellence in Informatics and Information Technologies

Republican Competition Rules

Programming – My Passion

Chapter I. General information

Art.1. The republican competition Programming-my Passion is organised by the Centre of Excellence in Informatics and Information Technologies (CEIIT), Department of Informatics within the institution.

In this competition can take part students from pre-university educational institutions from the Republic of Moldova (Centres of excellence, colleges, vocational schools, lyceums and guests from other countries) who are enthusiastic about IT.

The competition offers the opportunity for the participants to demonstrate their own developed applications, the implementation of advanced and efficient programming technologies, demonstration of students' abilities of freedom of creation and sharing experience in programming.

The purpose of the contest is to support and promote young programmers, to cultivate the spirit of innovative, entrepreneurial and team working.

Art. 2. The submitted products will be evaluated in the following sections:

- Web Applications;
- Desktop Applications;
- Device Programming;

Art. 3. Contest Calendar

1st September 2019 – 27th March 2020– contest promotion;

9th March 2020 – 20th March 2020 – the registration of participants in the contest;

27th March 2020– the students' product presentation and awarding session;

3d April 2020 – the publication of the contest results on the site of the institution [www. ceiti.md](http://www.ceiti.md) .

Chapter II. Competition Procedure

Art. 4. The three sections of the competition will be carried out differentially as follows:

a) Web Applications

Within this section the contestants will present their Web Applications. The applications based on web-technologies involves the stage of designing and programming web pages as well as setting transactions and information focused on developing creative solutions and innovative software that match the expected idea.

Product evaluation criteria:

- The level of presentation and time framing;
- Portability on different platforms (SO);

- Interface organisation (standards);
- Compatibility on different browsers;
- The existence of the administrative part;
- The level of creativity;
- Application usefulness;
- Working with databases.

b) Desktop Applications

Within this section the contestants will present desktop applications focused on database processing. The development of an optimal structure of the accessible and fast database focused on the protection, privacy, availability and integrity of the information that match the expected idea.

Product evaluation criteria:

- The level of presentation and time framing;
- Evaluation of the data structure;
- Interface organisation (standards);
- The level of complexity of the application;
- The level of creativity;
- Application usefulness;
- Ease of operation;
- The existence of suitable tests.

c) Device Programming:

Within this section the contestants will present various program products that do not fit into the previous two sections, such as: educational software, games, editors, browsers, operating systems, etc.

Product evaluation criteria:

- The level of presentation and time framing;
- Portability on different platforms (SO);
- Creativity level;
- Interface organisation (standards);
- Complexity level of the application;
- Compatibility on different SOs or browsers;
- Application usefulness;
- The quality of assistance.

Chapter III. Terms and conditions of participation

Art. 5. Registration in the contest is based on the following conditions:

- Contestants must be from the pre-university institutions;
- Applications can be developed both by one person or by a team;
- The teams are made up of at most five students;
- There can take part more students and teams from the same institution;
- Participants can compete with several elaborations;
- Participants can be coordinated and guided by teachers;

Art. 6. Forbidden things in the competition:

- Use of obscene language or visual contexts of an immoral nature;
- The use of racist signs in projects or elements that would instigate to interethnic violence;
- The creation of projects that would undermine the physical and moral integrity of the students.

Art. 7. The contestants have the following obligations:

- To comply with the competition rules;
- To provide truthful and complete information in the competition Participation Form;
- To provide organizers with the required information throughout the competition;
- To contribute to the promotion of the contest and all the actions and events of the contest.

Art. 8. Technical details:

- Works must be portable on any system (computer), downloaded (copied) on flash memory devices;
- The product must be accompanied by an electronic presentation (Power Point, Prezi, etc.);
- The presentation must be sent together with the enclosed Participation Form (*Annex 1* from the Competition Rules);
- the documentation must also be submitted to the organizers in electronic format both in **executable format** and **source format** (at the jury's request);
- Application presentation will be done using a computer and a video projector;
- The installation of the works on the computer will be done by each participating team on the day of the contest;
- The participants will have with them all the necessary software for the proper functioning of each application;
- Students are given up to **7 minutes** to present an application;
- The presentations are accepted in the following languages: Romanian, Russian, English;
- The evaluation scales will be communicated to the participants on the day of the competition. Grading is done with a score of 0 to 100;
- The awarding of the works will be done in descending order of the points within the limits established by the organizers;
- The organizers of the competition can establish special award based on criteria that will be announced at the beginning of the contest;
- The evaluation is done separately for **each section**.

Chapter IV. Judging

Art. 9. The assesment of the elaborations will be made by a jury consisting of specialists from the ICT field.

Chapter V. Awarding

Art. 10. The winners of the competition will be given diplomas of I, II, III degree and awards.

Chapter VI. Final specification

Art. 11. The presentations of the products together with the enclosed Registration Form (*Annex 1* from the Competition Rules) will be sent to the addresses: **irina.pasecinic66@gmail.com** or **andrian.golub@gmail.com**, according to the terms and conditions of the contest: **Programming-my Passion** by 20th March 2020. The presentation of the drafts must contain:

- The topic (idea) of the draft;
- The purpose of the drafting;
- The section they apply for;
- Applied technologies;
- Demonstration of key elements of the application.

Contact details of the participants will be specified in the Participation Form (*Annex 1* from the Competition Rules).

The responsibility (regarding copyright) for the production of the auxiliary video, audio, or included graphic materials belongs solely to the developers.

The contest will take place on 27th March 2020, at 11:00.

The contestants must follow the terms and conditions established by the organizers.

For further information about the contest, you can contact the contest coordinators by telephone or/and e-mail.

For further information:

Web: www.ceiti.md, e-mail: **irina.pasecinic66@gmail.com** , **andrian.golub@gmail.com**

Address: Centre of Excellence in Informatics and Information Technologies,
48 Sarmizegetusa street, Phone nr. 022523001

Contest coordinators:

Irina Pasecinic (teacher), +37369515795, e-mail: **irina.pasecinic66@gmail.com**

Andrian Golub (teacher), +37379845313, e-mail: **andrian.golub@gmail.com**

CEIIT Headmaster

Vitalie Zavadschi

Republican Competition Programming – My Passion Participation Form

1. Names and surnames of the members of the team:

- group/form
- group/form
- group/form
- group/form
- group/form

2. The contestant educational institution (address, contacts):

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3. Section

4. Title of the work

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5. The name and surname

of the teacher coordinator

Contacts: e-mail

School subject

By signing this participation form we agree to promote the contest, especially the values of non-formal education.

Signature of team members,

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Note: This form must be completed in electronic format (with diacritics), must be listed, and signed by the participants. The scanned form will be sent to the following address

irina.pasecinic66@gmail.com