

INNOVATION CHALLENGE

Innovation Challenge category aims to identify and reward competing innovators who want to make the world around them better with their ideas. World trends in the development of robotics, drones, automation, mechatronics and the Internet of Things (IoT), allow the development of innovative solutions that rely on software and hardware components to solve everyday problems in industry, urban areas and all other aspects of human life. Competitors should take this opportunity to present their work and their innovations in previously mentioned areas.

The competition consists of three phases:

- Team registration (no later than May 26, 2021)
- Realization of the project / idea (until May 30, 2021)
- Presentation of projects and announcement of the best competitors (June 3 and 4, 2021)

Competition rules:

- The competition is open to all students enrolled in any faculty in Bosnia and Herzegovina and the region. High school students can also apply for the competition.
- Competitors may participate individually or as a team of up to five members.
- The realized project must be the result of personal work that has not been used in any other competition. There are no restrictions regarding the platform (Arduino, RaspberryPi, STM32, etc.).
- If the number of competitors is less than expected, the jury may cancel the competition within this category.
- The decisions of the expert jury are final and binding.
- Those who deal with the development of innovative solutions in their daily work (refers to competitors employed in companies that develop prototype solutions) cannot participate in the competition.

Evaluation method:

- 40% Innovation - whether the problem is solved in a creative or hitherto unused way
- 30% Impact on the environment - whether the project can realistically achieve a concrete social impact
- 30% Technical realization - to what extent the practical part of the project has been realized [here the teams must state what was taken over or used as a ready-made solution (hardware or software) and what is the author's work of the team]

Each team must open a project diary on GitHub and record activities chronologically, so that by following the teams during the implementation period, the jury will be able to verify that the project is the author's work of the team.

