



**MIDDLE EAST TECHNICAL
UNIVERSITY
Robotics Society**

**18th International METU Robotics Days - 2022
Category of Innovation Rules**

Competition Dates: 18-19 March 2022

- Robots that are going to compete in the innovation category are expected to show innovative solutions in various areas such as production, efficiency, safety, communication, health, entertainment, etc.

- The robots of the innovation category competitors will be evaluated by our valued innovation category jury members, considering the following criteria:
 - Creativity
 - Autonomy
 - Design (performance, cost, simplicity, etc.)
 - Durability
 - Applicability

- One of the success criteria expected from the competitors in the innovation category is the successful implementation of the solution of the identified problem/ project idea put forward as well as detailing the problem/ project idea theoretically.

- Competitors must fill in the document that is uploaded to the Internet completely. The document consists of registration form, photos part, video link of the project part and report part. The document must be sent to inovasyon@odturobotgunleri.org.tr via e-mail until **20.02.2022 at 11.59 pm**. Competitors should use their own e-mail addresses while sending their documents.

- Report that is requested in the document should be at least 3 and at most 6 pages long. The name of the competitor(s), the name of the project and the purpose of the project must be specified in the report. Jury members will pre-evaluate the reports.

- It is important to give information about the hardware, programming language, working basis and / or scheme etc. used in the report to ensure comprehensibility of the project.

- Regardless of how successful it is in the intellectual sense, projects that have not been implemented concretely are considered outside the scope of this competition. Therefore, in order for the innovation category participants to pass the pre-evaluation process, it must be shown that their robots were physically functional. They are required to shoot a video showing that a concrete product that will fulfill the purposes and tasks specified in the report will be produced, and they must add the link of the video to the relevant field in the document.

- The duration of the video should not be less than 30 seconds and more than 7 minutes. The video can preferably be prepared as a short presentation of the project. The purpose of the video upload is not to make any pre-scoring before the competition. It is only to determine whether the design described in the project can be implemented on the day of the competition.

- The video to be shot should be uploaded to the internet via one of the WeTransfer, Google Drive or Dropbox, etc. platforms and added to the place specified in the document as a downloadable link.

- If the document is complete, competitors will receive a confirmation e- mail from inovasyon@odturobotgunleri.org.tr . Competitors who do not receive a confirmation mail within 48 hours must correct the deficiencies and errors in the document and send the whole document again. If there is a problem with the video, contestants should repeat their mail by adding the downloadable link to the document in the same way (uploaded to the internet via one of the platforms such as WeTransfer, Google Drive or Dropbox, etc.) and send the whole document again.

- Projects that pass the pre-evaluation qualify for the competition. Information e-mail regarding whether the project has passed the preliminary evaluation will be sent to the contestants until **27.02.2022 at 11.59 pm.**

- On the day of the contest, if it is determined that the robot is not the same as the robot in the report or video sent, the robot of the contestant will be disqualified without taking into account.

- Teams that do not send their documents until the specified date (**20.02.2022 at 11.59 pm**) will not be accepted for pre-evaluation and competition.

- Contestants are obliged to bring the materials (monitor, HDMI cable etc.) they may need on the competition days. The category is not responsible for the supply of these materials.

- **Teams that did not submit their reports within the specified period or failed the preliminary evaluation will not be accepted into the competition.**

- **As in all categories, in the innovation category, Above Category Rules apply.**

- **METU Robotics Society reserves the right to make changes in the rules if deemed necessary.**