

2024 WIT Creative Technology Competition

- Student Symposium -

I Purpose

- Cultivating creative talents with healthy minds for the purpose of finding practical cases
- Provide students with opportunities to present and discuss their ideas

II Schedule

Category	Date	Contents
an outline of a contest	2024. 8. 21. (Wed)	wit-world.org
Application for participation	2024. 8. 21. (Wed) ~ 2024. 9. 25. (Wed)	• Submission of application for participation • forms.gle/uGUMkMSumJta8V5e9
Submit a video	2024.9.25 (Wed) ~ 2024.10.9 (Wed)	• forms.gle/k28orf3u8StXxGk5A
Qualifying examination (document)	2024. 10. 9. (Wed) ~ 2024. 10. 23. (Wed)	• Provide the first review of the submitted solution
the proceedings of the contest	2024.11.02. (Sat) ~ 2024.11.03. (Sun)	• Solution Review and Interview
an award ceremony	2024. 11.03. (Sun)	• An award ceremony will be held for the award team selected as a result of the competition.

III Method and contents of application

- Accepted via online platform
 - Collect necessary information such as participant personal information, age, and experience level.
 - For other inquiries, please contact_wit202411@gmail.com.

IV Team composition

- Maximum number of participants: 4 people per team
- Grade: Junior club (10-13 years old), Senior club (14-19 years old)

V**the manner of the contest**

- Select one of the 17 UN Sustainable Development Goals.
- You need to come up with an idea that can solve this problem and present a theoretical background and solution to it.
- Produce and upload a presentation video to YouTube with oral presentation (up to 7 minutes)
- Create and submit documents in the form of research papers for future publication
- You may need to demonstrate a real model or prototype or include only theoretical content
- The paper received will be reviewed on-site on November 2 after a preliminary written review.

VI**the stage of the competition**

- Opening Ceremony: Introducing the purpose of the competition, the rules of participation in the schedule, etc. and encouraging the participants.
- Presentation Session: Each participant presents their ideas within a limited time. After the presentation, we will have a Q&A session.
- Debate and Networking: Set up a discussion time between the presenter and the audience and the judges. Give participants the opportunity to discuss each other's ideas and receive feedback from experts.
- Closing Ceremony and Awards: Select and award excellent ideas based on the evaluation of judges. At the closing ceremony, we end the competition and encourage the participants.

VII**the contents of the contest**

- Each team will create a slide that will detail the problem and troubleshooting process and final findings and present the study.
 - It is important for the team to identify references to existing research and explain how to improvements or new ideas or solutions.
- To participate in this category, each team must produce a video on a given schedule and upload it to YouTube (up to 7 minutes).
 - Upload the video and submit the video link to <https://forms.gle/k28orf3u8StXxGk5A>.
- During the WIT2024 event, we need to respond to the judges' questions about the invention.

VIII

Awards.

Prize	number of teams	Kinds	Participants
Grand prize	2 teams	Award certificate	Team selected by the jury
Gold prize	3 teams	Award certificate	Team selected by the jury
Silver prize	4 teams	Award certificate	Team selected by the jury
Bronze prize	5 teams	Award certificate	Team selected by the jury
Participation prize	10 team	Award certificate	Team selected by the jury

IX

Evaluation Criteria

- Creativity (30 points): Focus on the originality of ideas and creative approaches. Evaluate whether a solution to the problem has been proposed from a new perspective, away from traditional thinking.
- Practicality and feasibility (25 points): Evaluate whether ideas are actually implementable and provide effective solutions to solve real-life problems. The cost of implementation, technical difficulty, and scope of application are considered.
- Depth and completeness of the study (20 points): Evaluate whether the idea is based on the proposed background knowledge and research, and how systematic and highly complete the proposed solution has been developed. Relevant literature research, experimental data, and analysis methods are reviewed.
- Presentation ability and quality of materials (15 points): Evaluate whether the presenter communicates his or her ideas clearly and effectively, and whether he or she can attract the audience's attention and communicate the information well. Review the quality of presentation materials, presentation techniques, and Q&A ability.
- Novelty and social value (10 points): Evaluate whether ideas can have a social positive impact and provide ethical and sustainable solutions. Consider aspects such as solving social problems, protecting the environment, and promoting human welfare.

- a beginner

- This is information for participants who have never presented a symposium in this field, and here's how to prepare for this challenge.
 - (1) Explore items that can solve simple real-life problems. For your information, it would be helpful to look for problems in 17 UN Sustainable Development Goals.
 - (2) Investigate the problem to clearly define all aspects of why, how, and what happens. Use some technology or programming to find the part of the problem that can be solved in a new way.
 - (3) We come up with ideas to solve this problem. Brainstorm algorithms and programming that can provide different types of technologies or creative solutions that already exist but can enhance them, and/or good solutions that address previously identified requirements.
 - (4) Check out competitive ideas already on the market to build your own solution. Be sure to check the document's design process, idea changes, references to the source of information you use, or several elements you need.
 - (5) Prepare a research report and clearly organize and present the final solution's research, idea development, and specifications with reference to the evaluation items.

- an experienced person

- If you have research and presentation experience, here are some ways for participants to participate in the competition more effectively.
 - (1) Clearly define the problem you want to resolve. Be sure to provide clear references to solutions or competitive ideas that have already been developed. Find and compare what can highlight the superiority of the proposed solution over the traditional method.
 - (2) Take a closer look at the limitations and strengths, including a broader evaluation of the ideas and solutions proposed by the participants, and find ways to improve them.
 - (3) Use statistics or graphs to show the results of using actual data to clearly provide additional verification of an idea or solution.

- Precautions

- The proposed solution does not necessarily include a model or prototype. However, if you have a model or prototype, you can include a video or photo related to it in

your presentation. Please be aware that the presentation venue does not have a facility to demonstrate models or prototypes. If you want to demonstrate your final solution, you can participate in the "Creative Inventions Contest."