The 11th ASSISTIVE & REHABILITATION TECHNOLOGIES STUDENT INNOVATION CHALLENGE (ARTSIC) 2023

ENTRY FORM

All entries to be send to [vera.yang@ntu.edu.sg](mailto:vera.yang@ntu.edu.sg)

Please indicate ‘ARTSIC 2023’ as the email subject title.

For enquiries, please contact:

Contact person: Ms Vera YANG

Contact no.: 6904 7240

**Entry Number:**

**(Official use only)**

**1. Title of the Project / Device**

**2. Particulars of** **Applicant**

|  |
| --- |
| **Name:** |
| **(Advisor/ Supervisor’s in-charge)** |
|  |
| **Contact No:** |
| **Email:** |
|  |
| **School/Institution:** |
| **Department/Faculty:** |
| **Address (for mailing/billing) :** |
|  |

**RRIS recognizes the obligation under Personal Data Protection Act (PDPA). We respect the privacy of your personal data, and we are committed to accord your personal data the due level of care and confidentiality as given in the PDPA.**

**By providing the information and submitting this form, I consent and agree to RRIS to use my personal data for the purpose of sending information on RRIS upcoming events or activities that may be of interest to me, using the aforesaid communication means that you have provided including without limitation, email, SMS, Whatsapp**.

**2.1. Particulars of other team members**

***\*Please enter name(s) in full [no nicknames allowed, as name(s) will be used for certificate and documentation].***

|  |
| --- |
| **Name:** |
| **(Team member #1)** |
| **Contact No:** |
| **Email:** |
|  |
| **Name:** |
| **(Team member #2)** |
| **Email:** |
|  |
| **Name:** |
| **(Team member #3)** |
| **Email:** |
|  |
| **Name:** |
| **(Team member #4)** |
| **Email:** |
|  |
| **Name:** |
| **(Team member #5)** |
| **Email:** |

**3. Categories**

Please tick on one of the following

|  |  |
| --- | --- |
| Design Category | Technology Category |

**4. Project Description**

Give a brief description of your project: Objectives of the project. Who are the target users? Why does the user need this? Safety precaution. Etc. You may also include some pictures or illustration of your project. ***(\*Please try not to exceed 1000 words****)*

**5. Abstract**

Please write a short summary of the overall Project/Device and should not exceed 200 words.

**OBJECTIVE:**

**DESCRIPTION:**

# Competition Guidelines

1. Entries will be evaluated by a panel of independent experts. Shortlisted teams will be invited to present their project in May 2023 (Date to be confirmed) **at Lee Kong Chian School of Medicine (Novena Campus) or via ZOOM.** There is also a registration fee of S$100 for each team.

The shortlisted teams will go through two rounds of judging:

* 1. **Oral Presentation**

A 5-min computer and/or video presentation to a panel of judges covering the key idea(s) of the project, followed by a 1-min Q&A.

* 1. **Prototype Judging**

A 3- min to demonstrate the prototypes; judges will quiz the students on technical and design details.

* + Design Category: Non-functional prototype (3D CAD model, 3D printed mock-up, Artist illustration, etc.) is acceptable. However, there should be sufficient completeness to demonstrate the essence of the proposed solution.
  + Technology Category: A functional prototype (hardware or software).

*Note: Teams with large prototypes that are not transportable may use video to demonstrate their prototypes with the permission from the ART-SIC committee.*

1. **{*Subject to Covid-19 guidelines and compliance for hosting events*}**

All shortlisted teams are required to attend the exhibition in conjunction with the award ceremony on (Date and Venue to be confirmed) Teams must bring along the following:

Prototype

* + Design Category: Non-functional prototype (3D CAD model, 3D printed mock-up, Artist illustration, etc.) is acceptable. However, there should be sufficient completeness to demonstrate the essence of the proposed solution.
  + Technology Category: A functional prototype (hardware or software).

Poster

* An A1 size poster (mounted) in any design or format. *(Please note that there is no printing services on site)*
* A table or small exhibition booth will be provided to each team to display their prototype and poster.

1. Judging Guidelines

Design Category

* Creativity / Idea Novelty (20%)
* Impact on Society and/or Professional Practice (20%)
* Commercialization Potential (20%)
* Prototype Design and Implementation (20%)
* Usability / Ergonomics (20%)

Technology Category

* + Creativity / Idea Novelty (20%)
  + Impact on Society and/or Professional Practice (20%)
  + Commercialization Potential (20%)
  + Prototype Engineering (20%)
  + Usability / Ergonomics (20%)

1. Awards

All awards will be announced in June 2023 (Date to be confirmed). The program of the Award Ceremony will be informed at a later date.

|  |  |
| --- | --- |
| **Design Category** | **Technology Category** |
| Gold | Gold |
| Silver | Silver |
| Bronze | Bronze |
| Merit | Merit |
| Best Poster | Best Poster |
| Best Presentation | Best Presentation |
| Best Ergonomic | Best Prototype |

Electronic certificates will be email to all members of the above winning teams.

Voting award during Exhibition & Award Ceremony.

Peer’s Choice Award

The award is decided by the student participants. Each team is allowed to cast one vote on the most deserving team entry but cannot vote for their own team.

Public’s Choice Award

The award is decided by members of public viewing the projects. Each person is allowed to cast one vote.

All top winning teams are required to represent Singapore at the 16th Global SIC @i-CREATe 2023 in Bangkok, Thailand, **Aug 2023**. Winning Teams who are unable to represent Singapore will not be awarded the prize monies.

**Note**: The organizer reserves the right to make changes to the event program. If necessary, changes may be made to its dates, venue, content and method before or during the event.