



**CREATIVE, INNOVATIVE PRODUCT AND  
TECHNOLOGICAL ADVANCEMENT (CIPTA)  
COMPETITION**

**Guidelines for ASEAN Participants**

**2023**

**ASEAN CATEGORY**

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## ASEAN Categories

### 1. Guidelines for Final Report Submission

All shortlisted participants are required to submit a full report of the work in soft copy to CIPTA 2023 Secretariat by **8 May 2023** by uploading the document at <http://conference.utb.edu.bn/cipta/>. The report must be in **English** and prepared using the CIPTA Report Template document. The report should be prepared using Microsoft Word.

### 2. Guidelines for Presentation/Demonstration

- a. The competition format will be conducted online.
- b. Presenter(s) must register 30 minutes before their scheduled presentation.
- c. All presentations must be in English.
- d. The total time for each project presentation is 45 minutes which is broken down as follows:
  - 20 minutes - Presentation and demonstration*
  - 20 minutes - Questions and answer session*
  - 5 minutes - Set up and disassemble equipment.*
- e. The presentation may be in the form of actual demonstration and simultaneous explanation of the project.
- f. Software, hardware, models or full-size prototype of the product entered in the competition must be arranged/set-up for inspection by the panel of judges (**virtual**) before the presentation.
- g. The final presentation, demonstration and judging will be from **16 May to 18 May 2023**.

### 3. Judging Criteria

The following marking criteria are used to evaluate the total score of the contestants in each category:

#### ASEAN New Invention and Innovation Category

#### ASEAN Young Invention Category

a) Rubric for **new product, process or technology**.

No.	Areas	Weightage (Maximum marks)
1	Novelty and creativity	
	<ul style="list-style-type: none"> <li>• Degree of novelty</li> <li>• Creative application of technologies</li> </ul>	15 15
2	Deployment of end product	10
	<ul style="list-style-type: none"> <li>• Ease of manufacture or assembly</li> </ul>	10
	<ul style="list-style-type: none"> <li>• User friendliness of product</li> </ul>	10
	<ul style="list-style-type: none"> <li>• Features and functionalities</li> </ul>	
3	Relevance to theme	10
4	Social, economic and sustainable design considerations	
	<ul style="list-style-type: none"> <li>• Value to society</li> </ul>	5
	<ul style="list-style-type: none"> <li>• Potential for commercialisation and industrial application</li> </ul>	10
	<ul style="list-style-type: none"> <li>• Sustainable product design</li> </ul>	5
5	Report & presentation	10
<b>TOTAL</b>		<b>100</b>

b) Rubric for **modification(s) to any existing product, process or technology.**

No.	Areas	Weightage (Maximum marks)
1	Novelty and Creativity <ul style="list-style-type: none"> <li>Degree of novelty</li> <li>Creative application of technologies</li> </ul>	10 10
2	Deployment of end product <ul style="list-style-type: none"> <li>Ease of manufacture or assembly</li> <li>User friendliness of product</li> <li>Features and functionalities</li> <li>Working performance compared to alternatives</li> </ul>	10 10 10 10
3	Relevance to theme	10
4	Social, Economic and Sustainable design considerations <ul style="list-style-type: none"> <li>Value to society</li> <li>Marketability</li> <li>Sustainable Product Design</li> </ul>	5 10 5
5	Report & Presentation	10
<b>TOTAL</b>		<b>100</b>

**All decisions made by the panel of judges are final and no correspondence will be entered into.**

## 4. Prizes

### 4.1 ASEAN New Invention & Innovation Category:

The ASEAN New Invention & Innovation Category prizes consist of Winner prize, First Runner up prize and Second Runner up prize. In addition, there exist two consolation prizes for each category.

#### Winner prize

The winner of the competition will receive a certificate, a trophy, and a cash prize of **B\$ 6,000.00** and will be presented to the nominated entry from the merit list of the category if the entry fulfills the following criteria:

The Project must consistently meet the highest standards in all or most elements of the assessment and score an aggregate mark of **80% or more**. It must clearly demonstrate an exceptional understanding of engineering principles.

#### First runner up prize

First runner up prize of the competition is a certificate, a trophy with a cash prize of **B\$ 4,000.00** and will be presented to the nominated entry from the merit list of the category if the entry fulfills the following criteria:

The Project must consistently meet high standards in all or some elements of assessment and should score an aggregate mark of **75% or more**.

#### Second runner up prize

Second runner up prize of the competition is certificate, a trophy with a cash prize of **B\$2,000.00** and will be presented to the nominated entry from the merit list of the category if the entry fulfills the following criteria:

The Project must consistently meet good standards in all or most elements of assessment and should score an aggregate of **70% marks or more**.

#### Consolation prize

The consolation prize of the competition is a certificate with a cash prize of **B\$ 500.00** and will be presented to the nominated entry from the merit list of the category if the entry fulfills the following criteria:

The contestant must consistently meet average standards in all or most elements of assessment and should score an aggregate mark of **60% or more**.

### 4.2 ASEAN Young Inventor Category:

The ASEAN New Invention & Innovation Category prizes consist of Winner prize, First Runner up prize and Second Runner up prize. In addition, there exist two consolation prizes for each category.

#### Winner prize

The winner of the competition will receive a certificate, a trophy, and a cash prize of **B\$ 3,000.00** and will be presented to the nominated entry from the merit list of the category if the entry fulfills the following criteria:

The Project must consistently meet the highest standards in all or most elements of the assessment and score an aggregate mark of **80% or more**. It must clearly demonstrate an exceptional understanding of engineering principles.

#### **First runner up prize**

First runner up prize of the competition is a certificate, a trophy with a cash prize of **B\$ 2,000.00** and will be presented to the nominated entry from the merit list of the category if the entry fulfills the following criteria:

The Project must consistently meet high standards in all or some elements of assessment and should score an aggregate mark of **75% or more**.

#### **Second runner up prize**

Second runner up prize of the competition is certificate, a trophy with a cash prize of **B\$1,000.00** and will be presented to the nominated entry from the merit list of the category if the entry fulfills the following criteria:

The Project must consistently meet good standards in all or most elements of assessment and should score an aggregate of **70% marks or more**.

#### **Consolation prize**

The consolation prize of the competition is a certificate with a cash prize of **B\$ 250.00** and will be presented to the nominated entry from the merit list of the category if the entry fulfills the following criteria:

The contestant must consistently meet average standards in all or most elements of assessment and should score an aggregate mark of **60% or more**.

### **4.3 Grand Prize**

The grand prize of the competition is the prestigious Crown Prince's Trophy and a cash prize of **B\$ 8,000.00**. This will be presented to the overall outstanding entry.

The winner from the ASEAN - New Invention and Innovation Category will be nominated by the Judges to compete with winners from the Local Competition Categories 1 and 2, for the Crown Prince CIPTA Award provided the entry fulfills the following criteria:

The Project must meet or exceed high standards in all the elements of the assessment and should score an overall mark of **90% or more**. The project should not have any major or minor flaws. It must demonstrate the engineering principles in a superior way, particularly in how it anticipates and fulfills the needs of its potential users.



The CIPTA2023 Crown Prince's Trophy

## 5 Key Dates

Submission	Date
Report Submission - send soft copy by e-mail	8 May 2023
Setting up of products for inspection by judges ( <b>Virtual</b> )	15 May 2023
Final presentation and Evaluation	16 - 18 May 2023

## 6 Product Display's Details, Hazards and Risk Assessment Form

- A Product Display's Details, Hazards and Risk Assessment Form will be sent out to participants asking for information on the project information and presentation requirements.
- The form has to be submitted on or before **8 May 2023** to CIPTA 2023 Secretariat by uploading the document at <http://conference.utb.edu.bn/cipta/>.

## 7 UTB Confidentiality Agreement Form

- The form has to be submitted on or before **8 May 2023** to CIPTA 2023 Secretariat by uploading the document at <http://conference.utb.edu.bn/cipta/>.

**8 Checklist for ASEAN Categories**

No.	Item	Deadline	Send to
1	Soft copy of Final Report	Monday, 8 May 2023, 5 pm (Brunei Time)	Upload to the link at <a href="http://conference.utb.edu.bn/cipta/">http://conference.utb.edu.bn/cipta/</a>
2	Product Display's Details, Hazards and Risk Assessment Form	Monday, 8 May 2023, 5 pm (Brunei Time)	
3	Signed Confidentiality Agreement between UTB and CIPTA 2023 Participants	Monday, 8 May 2023, 5 pm (Brunei Time)	