

## Online AI Training and Competition via CiRA CORE Platform

### Qualifying Round Judging Criteria

1. Participants must register according to their eligible age group. If it is proven that a participant's age exceeds the limit for the registered category, the organizers reserve the right to disqualify the team from receiving any awards.

2. Participants of the Online AI Training and Competition via CiRA CORE Platform can access the training session link through the official project coordination Line group."

3. Participants are required to register and attend the training sessions. Attendance will be monitored periodically by the organizers throughout the online training. To be eligible for a certificate, participants must complete at least 70% of the total training content."

4. Following the training sessions, competition challenges for the qualifying round will be issued by **CiRA Lab, King Mongkut's Institute of Technology Ladkrabang (KMITL)**. Participants are required to submit a video presentation based on the specific topics assigned by CiRA Lab. The video must be published with a "**Public**" privacy setting. This process will determine the teams qualified to advance to the **Online Final Round**. (The CiRA Lab judging committee will select **4–8 teams** to proceed to the finals).

### **Qualifying Round Judging Criteria**

| <b>N o.</b> | <b>Key Assessment Areas</b> | <b>Evaluation Descriptors</b>  | <b>Points</b> |
|-------------|-----------------------------|--|---------------|
| 1           | Clarity of Objectives       | The clarity of objectives and their viability in providing effective solutions to identified problems. | 15 Points     |

| No.                 | Key Assessment Areas    | Evaluation Descriptors   | Points            |
|---------------------|-------------------------|--|-------------------|
| 2                   | Presentation            | The professionalism of the presentation, effective communication, and the credibility of the demonstrated workflow and outcomes. | 40 points         |
| 3                   | Innovation & Creativity | The implementation of novel AI-driven approaches or original concepts to address complex and challenging issues.                 | 15 points         |
| 4                   | System Performance      | The operational efficiency and accuracy of the developed AI tools or models in achieving specified goals.                        | 15 points         |
| 5                   | Scalability & Expansion | Strategic plans for post-competition development and the potential for practical scalability and implementation                  | 15 points         |
| <b>Total Points</b> |                         |  | <b>100 points</b> |

**5. Robotics and Artificial Intelligence Learning Center, Kamalasai School** the Center is responsible for coordinating with guest speakers for the training sessions and facilitating with the judging committee.

- **Role Clarification:** The Robotics and Artificial Intelligence Learning Center does not possess the authority to award points or evaluate contestants.
- **Primary Functions:** Its role is strictly limited to consolidating the scores and officially announcing the results provided by **CiRA Lab, King Mongkut's Institute of Technology Ladkrabang (KMITL)**.

### **Final Round Judging Criteria**

1. For the final round, participants can access the online presentation meeting link via the official coordination Line group.

2. For the final round, a panel of experts from higher education, vocational institutions, and the private sector—specializing in Science and Technology, Engineering, Computer Science, and Artificial Intelligence—will select the winning teams based on their scoring rank.

3. For the final round, teams are required to present their projects using online presentation media according to the following schedule:

**3.1 Presentation:** Not to exceed 5 minutes.

**3.2 Questions and Answers (Q&A):** Not to exceed 5 minutes.

**Note:** In the event of follow-up inquiries or requirements for additional clarification, the judging committee reserves the right to extend the duration for both the presentation and the Q&A session as deemed appropriate. Such extensions shall be at the sole discretion of the committee in each respective category.

4. The project submitted for the final round judging must be the same entry as presented in the qualifying round. However, participants are permitted to further develop and refine their original work to improve efficiency or to incorporate additional features and functionalities, ensuring a more advanced and comprehensive version of the project.

## **The Final Round Judging Criteria**

| N<br>o.             | Key<br>Assessment<br>Areas | Evaluation Descriptors   | Points        |
|---------------------|----------------------------|--|---------------|
| 1                   | Clarity of Objectives      | The clarity of objectives and their viability in providing effective solutions to identified problems.                           | 15<br>Points  |
| 2                   | Presentation               | The professionalism of the presentation, effective communication, and the credibility of the demonstrated workflow and outcomes. | 20<br>Points  |
| 3                   | Innovation & Creativity    | The implementation of novel AI-driven approaches or original concepts to address complex and challenging issues.                 | 15<br>Points  |
| 4                   | System Performance         | The operational efficiency and accuracy of the developed AI tools or models in achieving specified goals.                        | 15<br>Points  |
| 5                   | Scalability & Expansion    | Strategic plans for post-competition development and the potential for practical scalability and implementation                  | 15<br>Points  |
| 6                   | Q&A Performance            | The ability to provide precise, well-reasoned, and comprehensive justifications in response to the judging panel's inquiries.    | 20<br>Points  |
| <b>Total Points</b> |                            |  | 100<br>Points |

## Judging Criteria

### 1. Trophies and Plaques of Honor

For each competition category, a total of four awards will be presented, classified as follows:

| No. | Award / Trophy & Plaque | Scoring Rank                    |
|-----|-------------------------|---------------------------------|
| 1   | Winner                  | Team with the 1st highest score |
| 2   | First Runner-up         | Team with the 2nd highest score |
| 3   | Second Runner-up        | Team with the 3rd highest score |
| 4   | Joint Second Runner-up  | Team with the 4th highest score |

### 2. Certificates of Recognition

A total of nine certificate formats have been established, with issuance determined by the scoring criteria specified in the official regulations.

| No. | Certificate Award                   | Scoring Criteria                          |
|-----|-------------------------------------|---|
| 1   | Winner (Gold Medal)                 | Team with the 1st highest score           |
| 2   | First Runner-up (Gold Medal)        | Team with the 2nd highest score           |
| 3   | Second Runner-up (Gold Medal)       | Team with the 3rd highest score           |
| 4   | Joint Second Runner-up (Gold Medal) | Team with the 3rd highest score (Joint)   |
| 5   | Honorary Certificate (Gold Medal)   | Teams ranked 5th to 8th                   |
| 6   | Gold Medal Certificate              | Scores of 80 points and above             |
| 7   | Silver Medal Certificate            | Scores between 70 – 79 points             |
| 8   | Bronze Medal Certificate            | Scores between 60 – 69 points             |
| 9   | Certificate of Participation        | Completion of the Online Training Session |

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