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MALAYA

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ADVANCING
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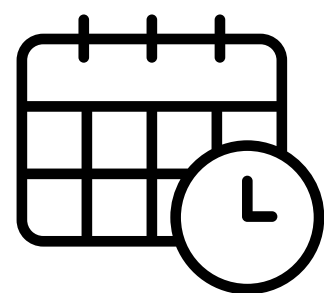
NACES 2023

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NATIONAL CHEMICAL ENGINEERING SYMPOSIUM 2023

RULES & REGULATION

TECHNICAL DEBATE COMPETITION



16 - 17 December 2023



**Universiti Malaya (UM),
Kuala Lumpur**

THEME

Mainstreaming Lab-grown Food: Chemical Engineers to the rescue!

Population growth, land scarcity, climate change, and food security are all interrelated global issues that are placing great strain on the planet. By 2050, there will be 9.7 billion people on the planet, and the need for food is anticipated to rise. However, with approximately 40% of the land on the planet being used for agriculture, we are already facing a land shortage. Extreme weather events and shifting weather patterns are making the problem worse and reducing crop yields and food production. Food security as a result is becoming harder to maintain, especially in developing nations. We must come up with sustainable methods that boost food production while reducing their negative effects on the environment to address these issues. Sustainable agricultural methods, reducing food waste, promoting plant-based diets, and the development of technology like lab-grown food might all be part of the solutions.

Chemical engineers are essential to the advancement and acceptance of food produced in laboratories. They are well positioned to address the technical difficulties of scaling up cell-based meat production since they are experts in the design and optimisation of chemical processes. This theme will explore the interdisciplinary nature of lab-grown food production, highlighting the critical role that chemical engineers play in developing and optimising the various stages of the process, from cell cultivation to final product formulation. It will also look into the difficulties the industry is currently facing, such as the need to create sustainable, cost-efficient production methods that fulfil high requirements for food safety and quality. The theme will emphasise the most recent advancements in food production from lab-grown sources and their possible effects on the environment and the food sector. Overall, the theme will give participants a forum to interact and debate how chemical engineering may help develop a future food system that is sustainable.



OBJECTIVES

1

Persuasion: The debaters aim to convince the audience or judges that their position on the topic is valid, well-supported, and superior to the opposing position.

2

Presentation of evidence and logical reasoning: Debaters should provide relevant evidence, facts, statistics, and logical reasoning to support their arguments. This helps to strengthen their case and make it more compelling.

3

Critical thinking and analysis: Debates encourage participants to think critically about the topic, examine different perspectives, and identify weaknesses or flaws in the arguments put forth by the opposing side.

4

Effective communication: Debaters strive to articulate their ideas clearly, concisely, and persuasively. They should communicate their points effectively to the audience, considering their language, tone, and body language.

5

Engagement and respect: Debates should be conducted in a respectful and professional manner, allowing each participant to express their views and respond to opposing arguments. Active listening and thoughtful engagement with the opponent's points are essential.

6

Knowledge and research: Debaters are expected to have a comprehensive understanding of the topic at hand and conduct thorough research to gather relevant information. The objective is to showcase expertise and demonstrate a well-informed perspective

COMPETITION DESCRIPTION

- It is a **GROUP** competition.
- This competition will be conducted **PHYSICALLY**.
- This competition aims to enhance students' confidence in terms of delivering ideas and exchanging opinions regarding particular topics within the stance they take from.
- Each debate team should have deep understanding towards the subject of argument and think critically and consistently on the topic given by providing evidence and reason to support their opinions.
- Research and drafting skills are offered on the table as a bonus point.

ELIGIBILITY

1

Participants must be **full-time undergraduate students** enrolled in the **Chemical Engineering Program** (or equivalent) offered by one of the participating universities/ institutions.

2

Participants must submit an **APPROVED** original copy of their **student identity card (Matric Card)** together with the **LATEST module registration** file.

3

Each participant is only allowed to participate in **ONE (1) physical mode competition** and **ALL online mode competitions** are allowed to participate.

4

Each participant in a team must be from the **SAME** university/institution.



FORMAT //

1

Match System

a) Preliminary round:

- The 'group power match' (Swiss Bracket) system method will be used . This system will be used to determine the match and also their role whether government or opposition.
- The role (government / opposition) for the first debate will be selected by ballot or computer.
- The role (government / opposition) for the next debate will be selected based on the role of each side in the previous debate. Typically, the team's assignment as government or opposition is determined by the numerical order in which they were designated as such.

b) Quarter-finals, semi-finals and finals:

- The role (government / opposition) is determined by a draw or toss of a coin in front of the respective team leaders.
- The competitions will be conducted according to the knockout system.

FORMAT //

2 Preparation Time

- **Debate motions will be notified 30 minutes before the start of the debate. Any travel time to the venue of the debate is included in the 30 minutes. All teams are expected to be punctual.**
- **Any team that fails to attend the debate after fifteen minutes (15 minutes) from the start time of the debate will be considered lost.**

3 Structural Debate

- **Debates are conducted in English using the Asian Parliamentary style. Each debate consists of two teams: the government team and the opposition team. Each team is composed of three debaters and one reserve debater. Every debater is required to deliver a substantive speech. The reply speeches on behalf of the government and the opposition can be delivered by either the first or second debater from their respective teams.**
- **Each speaker from both teams is given 8 minutes to speak, with a bell rung once after the first minute and at the end of the seventh minute. The bell is rung twice at the end of the eighth minute. The designated speakers for the reply speeches are given 4 minutes to speak.**

FORMAT //

3

Structural Debate

- After the extensive speeches, there is a 3-minute break for the teams to prepare their reply speeches. Each team is then given 4 minutes to deliver their reply speech, with the opposition speaking first, followed by the government.
- During the reply speeches, the timekeeper rings the bell once at the third minute to indicate that the debater has one minute left. At the end of the fourth minute, the bell is rung twice to signal the end of the debate.
- Throughout the debate, no heckling, harassment, or disruptive behaviour is allowed. Each debater must give or accept at least one point of information during the debate, except during the reply speeches, where points of information are not allowed.
- The opposite team can offer points of information from the second minute to the seventh minute of each speaker's speech. However, points of information are not allowed during the first and final minutes of the speech. A bell is rung to indicate the beginning and end of the time allocated for points of information, with a limit of 50 seconds for each point. The offering and taking of points of information should be done politely, with the debater raising their hand and standing to indicate their intention.

FORMAT //

3

Structural Debate

- **Debaters are strictly prohibited from mentioning sensitive issues related to race, religion, or personal matters that may offend, humiliate, or embarrass any party involved, including debaters, adjudicators, or audience members. Additionally, the use of Quranic verses and Hadith to support arguments is prohibited at all times.**



RULES & REGULATION

- Each campus is entitled to send a maximum of **TWO (2)** teams. Each team must consist of **THREE (3)** members.
- Rolled speeches will be given a maximum score of 50 based on the substantive speech scoring ratio as mentioned in the scoring criteria.
- The use of electronic external aids is strictly prohibited. (prohibition on doing online searches). If an objection with evidence is received, the team's participation will be **DISQUALIFIED** immediately.
- Rude, abusive or aggressive behavior in both instances, will lead to deduction of marks.

SCORING

1 Content [40%]

The content will be judged in terms of suitability with the motion of the debate, development and explanation of the arguments, facts and examples used as well as effective refutation of the arguments of the opponents.

2 Style/Presentation [40%]

The style of presentation will be judged in terms of the appropriateness and effectiveness of the style of presentation of the argument. Presentations that have a high persuasive value and can attract the audience's attention will be viewed positively by the judge (provided it helps the argument).

3 Procedure [20%]

The procedure will be judged on the effectiveness of the arrangement and the structure of the debater's speech, the effectiveness of the organisation and case structure of a team as a whole, the continuity of arguments and facts and teamwork.

RESULT

The winners of the competition will be announced during the NACES 2023 Closing Ceremony on 17 December 2023.

PRIZES

TECHNICAL DEBATE



RM 600



RM 400



RM 200

**Top three winning teams will receive trophies and cash prizes.
All entries will be given a certificate of participation.**



TECHNICAL DEBATE

IMPORTANT NOTES

Each participant must agree to be bound by the official contest rules. The organizer has all the rights to eliminate or disqualify any participants that violate the guidelines as stated above. Such actions may be taken by the host without any prior notice.

The judges' decisions are final and any appeals to the decisions will not be entertained.

Participants must complete the registration form by **18 October 2023 11: 59 pm to be eligible for participation.**

Any changes on the confirmed participants' list must be informed before **20 October 2023 11:59 pm.**



IMPORTANT NOTES

Organiser will hold the right to publish submitted presentations for future publications without prior notice to the participants. Kindly notify the organiser if you have a patent or copyright reserved.

Registration fees are non-refundable.

The contents of this booklet are subjected to amendment and improvisation. Participants will be notified when the amendments are made.



NACES 2023

TECHNICAL DEBATE

CONTACT INFORMATION



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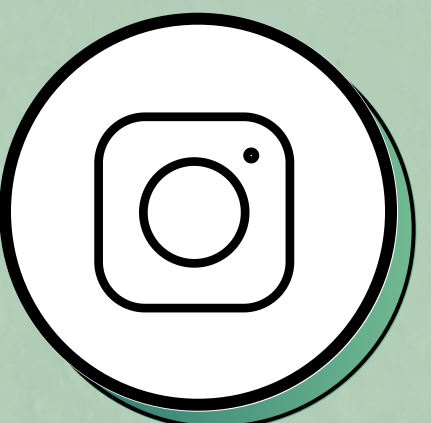
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