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FAKULTAS TEKNIK
Universitas Malikussaleh

GUIDEBOOK FINALIS

IPDCEC 2026

INTERNATIONAL PLANT DESIGN
CHEMICAL ENGINEERING
COMPETITION 2026

*"Industry-Based Chemical Plant Design
for a Sustainable Global Future"*



IPDCEC

INTERNATIONAL PLANT DESIGN
CHEMICAL ENGINEERING COMPETITION



-



@ipdcec2026



ipdcec2026@gmail.com

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PENDAHULUAN

Dengan penuh hormat, Universitas Malikussaleh menyambut seluruh finalis IPDCEC 2026.

Puji syukur kepada Tuhan Yang Maha Esa karena IPDCEC 2026 dapat terselenggara dengan mengangkat tema “*Industrial-Based Chemical Plant Design for a Sustainable Global Future*”. Kegiatan ini dilaksanakan di Departemen Teknik Kimia, Universitas Malikussaleh, Kampus Bukit Indah, Lhokseumawe, Aceh, Indonesia.

Tema ini mendorong peserta untuk merancang pabrik kimia yang aman, efisien, ekonomis, aplikatif, dan relevan dengan kebutuhan industri masa depan. Pada tahun ini, peserta ditantang untuk mengembangkan desain proses berbasis pemanfaatan gas alam sebagai sumber energi yang lebih bersih dan bahan baku produk kimia bernilai tambah, seperti hidrogen, metanol, DME, amonia, urea, olefin, polimer, serta produk turunan petrokimia lainnya.

IPDCEC 2026 juga menghadirkan pengalaman belajar langsung melalui ***field trip*** ke **PT Pupuk Iskandar Muda**. Kunjungan ini menjadi kesempatan bagi peserta untuk melihat penerapan industri kimia secara nyata, khususnya pada proses produksi amonia dan urea yang berkaitan erat dengan pemanfaatan gas alam. Melalui kegiatan ini, peserta dapat memahami bagaimana konsep perancangan pabrik, operasi proses, keselamatan kerja, efisiensi produksi, dan pengendalian lingkungan diterapkan dalam skala industri.

Kami mengucapkan selamat kepada seluruh finalis yang telah berhasil mencapai tahap presentasi. Semoga IPDCEC 2026 menjadi ruang lahirnya ide-ide baru, rancangan proses yang aplikatif, serta calon insinyur kimia yang mampu berkontribusi secara kreatif, kritis, dan bertanggung jawab bagi industri kimia global.



KETENTUAN PESERTA

1. Setiap Finalis **wajib** berpartisipasi penuh dalam seluruh agenda resmi, terhitung sejak sesi Pembukaan (*Technical Meeting*) hingga Acara Penutupan. Ketidakhadiran dalam sesi wajib tanpa konfirmasi resmi dapat memengaruhi penilaian akhir.
2. Finalis dilarang berkata kasar atau segala bentuk ucapan yang mengandung SARA selama kegiatan berlangsung.
3. Ketua Tim bertindak sebagai perwakilan resmi dan wajib melakukan konfirmasi final keikutsertaan tim paling lambat pada tanggal (20 Juli 2026), pukul 21.00 WIB. Konfirmasi pendaftaran dilakukan melalui tautan resmi berikut: (bit.ly/RegistIPDCEC2026)
4. Pelaksanaan kegiatan akan mengikuti jadwal resmi yang telah ditentukan panitia. Kehadiran finalis diharapkan tepat waktu untuk mengalokasikan waktu dan efisiensi bersama.
5. Kehadiran dalam setiap sesi divalidasi melalui pengisian formulir presensi daring yang akan disediakan oleh panitia.
6. Setiap tim akan didampingi oleh satu orang *Liaison Officer* (LO) yang ditunjuk oleh Panitia sebagai jalur komunikasi resmi dan pendamping non-teknis selama acara berlangsung.
7. Setiap finalis wajib berpakaian rapi dan sopan serta mengenakan almamater selama mengikuti rangkaian kegiatan resmi IPDCEC 2026.
8. Finalis **wajib** mengikuti kanal media sosial resmi (*Instagram*) [@ipdcec2026](https://www.instagram.com/ipdcec2026). Seluruh pengumuman, perubahan jadwal, dan informasi akan diumumkan melalui kanal ini.
9. Setiap tim diwajibkan menyusun dan mempresentasikan hasil karya dalam format ***PowerPoint***.



MEKANISME PRESENTASI

1. Batas Waktu Penyerahan: *File* PowerPoint (.ppt atau .pptx) wajib diserahkan paling lambat pada tanggal 29 Juli 2026 11.59 PM (GMT+7) atau pukul 23.59 WIB.

Format Nama File:

NoUrutPresentasi_PPT_TeamName_IPDCEC2026

File diunggah melalui tautan resmi: (bit.ly/PPTFinalIPDCEC2026)

setelah pengumpulan berkas (sesuai batas waktu yang ditentukan) berhasil dilakukan, **tidak diperbolehkan** untuk melakukan perubahan, revisi, atau koreksi dalam bentuk apa pun.

2. Presentasi **wajib** mencakup penjabaran isi dari paper yang telah disubmit. Materi harus menjabarkan secara ringkas, jelas, dan menarik.
3. Finalis diberikan kebebasan penuh dalam hal desain grafis dan kreativitas *PowerPoint*. Tidak ada batasan resmi jumlah slide, namun disarankan agar desain dan jumlah slide selaras dengan alokasi waktu presentasi (15 menit).
4. Setiap tim Finalis diberikan total waktu 45 menit dengan pembagian sebagai berikut:

Persiapan Teknis: Waktu yang diberikan 5 menit untuk penyiapan *hardware* dan *software*.

Presentasi Tim: Sesi inti penyampaian materi 15 menit

Tanya Jawab (Q&A): Sesi interaktif dengan Dewan Juri 25 menit.

5. Presentasi dilakukan menggunakan laptop masing-masing peserta atau tim. Setiap tim wajib memastikan perangkat, file presentasi, adaptor, serta kebutuhan teknis lainnya telah siap sebelum sesi presentasi dimulai.



6. Nomor urut penampilan Finalis akan diundi secara resmi pada sesi *Technical Meeting* (TM) yang akan dilaksanakan secara daring (*online*).
7. Setiap Finalis **wajib** mengikuti seluruh jalannya acara dengan kondusif dan mematuhi tata tertib yang telah ditetapkan oleh panitia pelaksana.



KETENTUAN DAN BIAYA KEIKUTSERTAAN

1. Kewajiban Registrasi dan Konfirmasi

Enam (6) Tim yang dinyatakan lolos ke tahap Grand Final wajib menyerahkan berkas-berkas pendukung sesuai dengan beberapa skema opsi biaya yang tertera sebagai berikut:

a. Pilihan 1, (Rp.320.000/Orang)

Konsumsi (siang, malam dan snack), transportasi, *field trip*, dan *merch*.

b. Pilihan 2, (Rp.395.000/Orang)

Konsumsi (pagi, siang, malam dan snack), transportasi, *field trip*, dan *merch*.

2. Biaya penginapan **tidak termasuk dalam biaya registrasi finalis dan tidak ditanggung oleh panitia**. Oleh karena itu, setiap finalis diharapkan dapat mengatur dan menanggung biaya penginapan masing-masing selama mengikuti rangkaian kegiatan IPDCEC 2026. Sebagai bentuk dukungan kepada finalis, panitia bersedia membantu melalui beberapa hal berikut:

- a. Memberikan daftar rekomendasi hotel atau penginapan lain yang berada di sekitar lokasi kegiatan.
- b. Membantu finalis memperoleh informasi mengenai harga, lokasi, fasilitas, dan ketersediaan kamar.
- c. Membantu menghubungi pihak penginapan dan memfasilitasi proses pemesanan sesuai pilihan finalis.
- d. Bagi finalis yang mengalami kendala biaya penginapan, panitia dapat membantu mengupayakan tempat menginap sementara dengan cara menumpang di tempat tinggal atau kos anggota panitia.



- e. Alternatif menginap di tempat tinggal atau kos anggota panitia bukan merupakan fasilitas penginapan resmi dan hanya tersedia secara terbatas. Penempatan akan disesuaikan dengan kesediaan anggota panitia, kapasitas tempat, kenyamanan, keamanan, serta hasil koordinasi antara panitia dan finalis.
 - f. Finalis yang membutuhkan bantuan tersebut diharapkan menghubungi Liaison Officer atau Contact Person sesegera mungkin. Finalis yang mendapatkan tempat menginap sementara wajib menjaga kebersihan, ketertiban, kesopanan, keamanan barang pribadi, serta mematuhi aturan pemilik tempat.
 - g. Biaya pemesanan, uang muka, deposit, dan biaya tambahan pada hotel atau penginapan pilihan tetap menjadi tanggung jawab masing-masing finalis.
3. Setiap tim dapat memilih biaya yang diinginkan dan dilakukan pembayaran melalui transfer ke rekening bank:
 - **BSI : 5077900480 A/N Meriatna.**
 4. Pembayaran harus dilakukan selambat-lambatnya pada tanggal **28 Juli 2026** 11.59 PM (GMT+7) atau pukul 23.59 WIB dan dikonfirmasi ke nomor berikut:
 - Aisyah Wulansari Pasaribu (+62 821-6251-2327)
 - Dengan format: ***NamaTim_OpsiBiaya.***
 5. Finalis diharapkan sudah berada di Lhokseumawe paling lama tanggal **29 Juli 2026**. Check-in dapat dilakukan dari pukul 15.00 WIB yang akan dibantu oleh panitia saat berada di penginapan.



6. Finalis diperkenankan kembali ke daerah asal setelah seluruh rangkaian Closing Ceremony selesai. Waktu check-out disesuaikan dengan ketentuan penginapan masing-masing dan menjadi tanggung jawab setiap finalis. Bagi finalis yang menumpang di tempat tinggal atau kos anggota panitia, waktu kepulangan wajib dikoordinasikan terlebih dahulu dengan panitia atau pemilik tempat.
7. Rincian opsi biaya registrasi yang telah disebutkan pada point 1a dan 1b sebagai berikut:

a. Pilihan 1 (Rp.320.000/Orang)

Belanja	Keterangan	Harga	Total
Makan siang, makan malam, dan snack	3 Hari	Rp.50.000	Rp.150.000
Transportasi	3 Hari	Rp.15.000	Rp.45.000
Merchandise Paper (Tumblr, goodie bag, kipas, stiker dan ganci)			Rp.25.000
Field Trip			Rp.100.000
Total			Rp.320.000

b. Pilihan 2 (Rp. 395.000/Orang)

Belanja	Keterangan	Harga	Total
Makan pagi, makan siang, makan malam, dan snack	3 Hari	Rp.75.000	Rp.225.000
Transportasi	3 Hari	Rp.15.000	Rp.45.000
Merchandise (Tumblr, goodie bag, kipas, stiker dan ganci)			Rp.25.000
Field Trip			Rp.100.000
Total			Rp.395.000



TIMELINE

Kegiatan	Tanggal Pelaksanaan
Periode Pengumpulan <i>Design Report</i>	21 Juni – 7 Juli 2026
Periode Penilaian oleh Dewan Juri	8 – 17 Juli 2026
Pengumuman 6 Tim Finalis	18 Juli 2026
Periode Konfirmasi Kehadiran Finalis	18 – 20 Juli 2026
Batas Akhir Konfirmasi Finalis	20 Juli 2026
<i>Technical Meeting</i> Finalis	24 Juli 2026
Kedatangan dan Registrasi Ulang Finalis	29 Juli 2026
Presentasi Final secara Luring	30 Juli 2026
Field Trip	31 Juli 2026
<i>Awarding Ceremony</i>	1 Agustus 2026



RUNDOWN ACARA FINALIS IPDCEC 2026

1. Technical Meeting (24 Juli 2026)

No.	Waktu	Uraian Kegiatan	Keterangan
1.	14.30 – 14.40	Pembukaan	<i>Master of Ceremony</i>
2.	14.40 – 14.50	Pembacaan Doa	Panitia
3.	14.50 – 14.55	Kata Sambutan dan Pengenalan dari Ketua Pembina/Pelaksana IPDCEC 2026	Nasrul ZA, S.T., M.T.
4.	14.55 – 15.10	Sesi Perkenalan Peserta	<i>Master of Ceremony</i>
5.	15.10 – 15.20	Pemaparan <i>Profile</i> Juri	<i>Master of Ceremony</i>
6.	15.20 – 15.35	Penyampaian Mekanisme Presentasi	<i>Master of Ceremony</i>
7.	15.35 – 15.50	Sesi Tanya Jawab	Peserta dan MC
8.	15.50 – 16.05	<i>Ice Breaking</i>	Peserta dan MC
9.	16.05 – 16.15	Pengundian No Urut Presentasi	<i>Master of Ceremony</i>
10.	16.15 – 16.25	Penutupan	<i>Master of Ceremony</i>

2. Day-1 Final Presentasi (30 Juli 2026)

No.	Waktu	Uraian Kegiatan	Keterangan
1.	07.30 – 08.00	Registrasi Peserta	Panitia
2.	08.00 – 08.10	Pembukaan	<i>Master of Ceremony</i>
3.	08.10 – 08.50	Tari Persembahan	Sanggar Tari HIMATEMIA
4.	08.50 – 09.00	Pembacaan Al-Quran dan Doa	Panitia
5.	09.00 – 09.20	Menyanyikan lagu Indonesia Raya, Mars UNIMAL, Hymne Aceh dan Mars Teknik Kimia	PADUSTEMIA
6.	09.20 – 09.25	Kata Sambutan dari Dekan Fakultas Teknik Universitas Malikussaleh	Dr. Muhammad Daud, M.T



No.	Waktu	Uraian Kegiatan	Keterangan
7.	09.25 – 09.30	Kata Sambutan dari Ketua Jurusan Teknik Kimia Fakultas Teknik Universitas Malikussaleh	Dr. Zulnazri, S,Si,M.T
8.	09.30 – 09.40	Kata Sambutan dan Pembukaan Acara Secara Simbolis Oleh Rektor Universitas Malikussaleh	Prof. Dr. Herman Fithra, S.T., M.T., IPM., ASEAN.Eng.
9.	09.40 – 09.50	Foto Bersama	Peserta, Tamu Undangan dan Panitia
10.	09.50 – 10.00	Perkenalan Tim Finalis	MC dan Peserta
11.	10.00 – 10.15	Penampilan <i>Profile</i> Juri	Panitia
12.	10.15 – 10.20	Penyampaian Mekanisme Presentasi	<i>Master of Ceremony</i>
13.	10.20 – 11.05	Sesi Presentasi dan Tanya Jawab Tim 1	Juri, dan Peserta
14.	11.05 – 11.50	Sesi Presentasi dan Tanya Jawab Tim 2	
15.	11.50 – 12.35	Sesi Presentasi dan Tanya Jawab Tim 3	
16.	12.35 – 14.00	ISHOMA	
17.	14.00 – 14.45	Sesi Presentasi dan Tanya Jawab Tim 4	Juri, dan Peserta
18.	14.45 – 15.30	Sesi Presentasi dan Tanya Jawab Tim 5	
19.	15.30 – 16.15	Sesi Presentasi dan Tanya Jawab Tim 6	
20.	16.15 – 16.30	Penutupan	<i>Master of Ceremony</i>



3. *Day-2 Field Trip (31 Juli 2026)*

No.	Waktu	Uraian Kegiatan	Keterangan
1.	08.00 – 08.15	Registrasi peserta	Peserta
2.	08.15 – 08.25	Pembukaan	<i>Master of Ceremony</i>
4.	08.35 – 08.45	Kata Sambutan dari Ketua Jurusan Teknik Kimia Fakultas Teknik Universitas Malikussaleh	Dr. Zulnazri, S,Si,M.T
6.	08.45 – 08.50	Pembacaan Doa	Panitia
7.	08.50 – 09.00	Penyampaian Mekanisme dan <i>Aturan Field Trip</i>	<i>Master of Ceremony</i>
8.	09.00 – 09.10	Foto Bersama	Panitia dan Peserta
9.	09.10 – 09.25	Perjalanan Menuju PT Pupuk Iskandar Muda (PIM)	Panitia dan Peserta
10.	09.25 – 12.00	Kunjungan Industri PT Pupuk Iskandar Muda (PIM)	Panitia dan Peserta
11.	12.20 – 13.00	ISHOMA	
12.	13.00 – 13.45	Perjalanan Menuju Destinasi Kedua (<i>The Ground Coffee</i>)	Panitia dan Peserta
13.	13.45 – 14.00	Tour Destinasi <i>The Ground Coffee</i>	Panitia dan Peserta
14.	14.00 – 15.00	<i>Ice Breaking</i>	Panitia dan Peserta
15.	15.00 – 15.20	Perjalanan Menuju Destinasi Kuliner Lhokseumawe	Panitia dan Peserta
16.	15.20 – 16.00	ISHOMA	
17.	16.00 – 17.00	Kuliner Lhokseumawe	Panitia dan Peserta
18.	17.00 – 17.30	Perjalanan Pulang	Panitia dan Peserta



4. Day-3 Awarding (01 Agustus 2026)

No.	Waktu	Uraian Kegiatan	Keterangan
1.	07.30 – 08.00	Registrasi peserta	Peserta
2.	08.00 – 08.10	Pembukaan Acara	<i>Master of Ceremony</i>
3.	08.10 – 08.15	Pembacaan Doa	Panitia
4.	08.15 – 08.35	Menyanyikan lagu Indonesia Raya, Mars UNIMAL, Hymne Aceh dan Mars Teknik Kimia	PADUSTEMIA
5.	08.35 – 08.45	Kata Sambutan dari Ketua Jurusan Teknik Kimia Fakultas Teknik Universitas Malikussaleh	Dr. Zulnazri, S,Si,M.T
6.	08.45 – 09.10	Penampilan Hiburan	Panitia
7.	09.10 – 10.00	Pengumuman Pemenang	<i>Master of Ceremony</i>
8.	10.00 – 10.15	Foto Bersama	Panitia dan Peserta
9.	10.15 – 10.30	Penutupan	<i>Master of Ceremony</i>



PENILAIAN PRESENTASI AKHIR

A. Penilaian Presentasi

No	Kriteria	Indikator	Bobot
1	Penyampaian	Penyajian presentasi yang sistematis dan runtut	5
		Penggunaan bahasa yang jelas dan tepat	5
		Etika dan sikap selama presentasi	5
		Manajemen waktu	5
2	Penyampaian Ide	Kejelasan ide dan konsep desain	10
		Kelayakan implementasi desain	10
		Konsistensi dan kekuatan argumentasi	10
		Kualitas dan kedalaman ide	10
3	Kemampuan Tim	Ketepatan dalam menjawab pertanyaan	10
		Penguasaan materi	10
		Pemahaman terhadap simulasi Aspen	10
		Kerja sama dan partisipasi tim	10
Total			100

B. Penilaian Akhir

No	Komponen Penilaian	Bobot (%)
1	Laporan desain	60%
2	Presentasi Akhir	40%
Total		100%



CONTACT PERSON

Untuk informasi lebih lanjut, silakan hubungi:

Aisyah Wulansari Pasaribu (+62 821-6251-2327)

Paska Afriana Br. Sihombing (+62 812-6913-4825)

Email ipdcec2026@gmail.com

Instagram [@ipdcec2026](https://www.instagram.com/ipdcec2026)

Tiktok [@ipdcec2026](https://www.tiktok.com/@ipdcec2026)

Youtube [@ipdcec2026](https://www.youtube.com/@ipdcec2026)



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-



@ipdcec2026



ipdcec2026@gmail.com

INTRODUCTION

With great respect, Universitas Malikussaleh welcomes all finalists of IPDCEC 2026.

Praise be to God Almighty, as IPDCEC 2026 can be held under the theme “*Industrial-Based Chemical Plant Design for a Sustainable Global Future.*” This theme encourages participants to design chemical plants that are safe, efficient, economical, applicable, and relevant to the needs of future industries. This event is held at the Department of Chemical Engineering, Universitas Malikussaleh, Bukit Indah Campus, Lhokseumawe, Aceh, Indonesia.

This year, participants are challenged to develop process designs based on the utilization of natural gas as a cleaner energy source and as a raw material for value-added chemical products, such as hydrogen, methanol, DME, ammonia, urea, olefins, polymers, and other petrochemical derivatives.

IPDCEC 2026 also provides direct industrial learning experience through a **field trip to PT Pupuk Iskandar Muda**. This visit gives participants the opportunity to observe real chemical industry practices, particularly in ammonia and urea production processes related to natural gas utilization. Through this activity, participants can understand how plant design concepts, process operations, occupational safety, production efficiency, and environmental control are implemented on an industrial scale.

We congratulate all finalists who have successfully reached the presentation stage. May IPDCEC 2026 become a platform for innovative ideas, applicable process designs, and future chemical engineers who are ready to contribute creatively, critically, and responsibly to the global chemical industry.



PARTICIPANT REQUIREMENTS

1. Each finalist is required to fully participate in all official agendas, starting from the Opening Session/Technical Meeting until the Closing Ceremony. Absence from mandatory sessions without official confirmation may affect the final assessment.
2. Finalists are prohibited from using harsh language or any form of speech containing ethnic, religious, racial, or intergroup discrimination during the event.
3. The Team Leader shall act as the official representative and is required to confirm the team's final participation no later than July 20, 2026, at 21.00 WIB. Registration confirmation must be completed through the official link: (bit.ly/RegistIPDCEC2026).
4. The event will be conducted according to the official schedule determined by the committee. Finalists are expected to attend on time to ensure effective time management and mutual efficiency.
5. Attendance in each session will be validated through an online attendance form provided by the committee.
6. Each team will be accompanied by one Liaison Officer (LO) appointed by the committee as the official communication channel and non-technical assistant throughout the event.
7. Each finalist is required to dress neatly and appropriately and wear their university blazer during all official IPDCEC 2026 activities.
8. Finalists are required to follow the official Instagram account @ipdcec2026. All announcements, schedule changes, and important information will be announced through this official channel.
9. Each team is required to prepare and present their work in PowerPoint format.



PRESENTATION MECHANISM

1. **Submission Deadline:** The PowerPoint file (.ppt or .pptx) must be submitted no later than July 29, 2026, at 11.59 PM (GMT+7) or 23.59 WIB.

File Name Format:

PresentationOrderNumber_PPT_TeamName_IPDCEC2026

The file must be uploaded through the official link:

(bit.ly/PPTFinalIPDCEC2026)

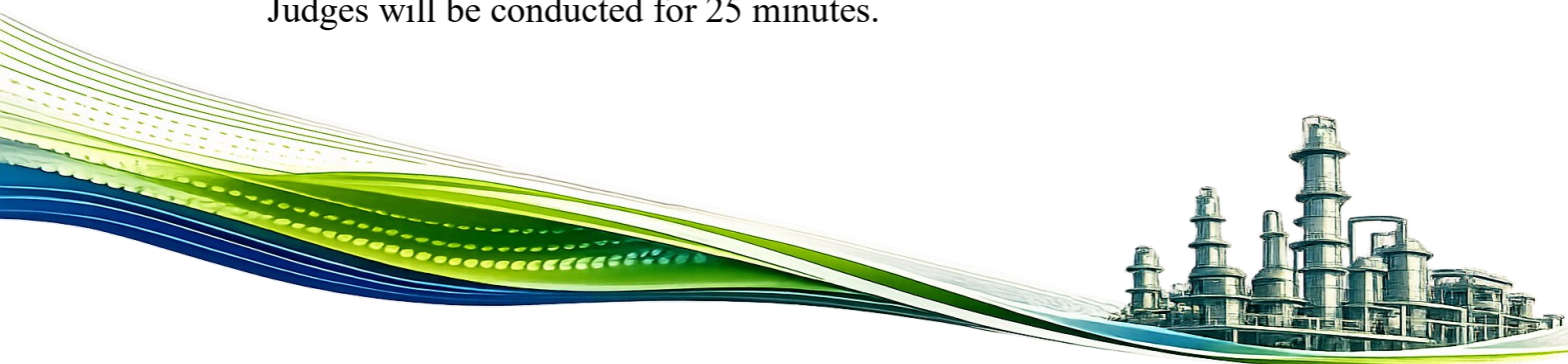
After the file submission has been successfully completed within the specified deadline, no changes, revisions, or corrections of any kind will be allowed.

2. The presentation must include an explanation of the content of the submitted paper. The material should be presented in a concise, clear, and engaging manner.
3. Finalists are given full freedom in terms of graphic design and PowerPoint creativity. There is no official limit on the number of slides; however, the design and number of slides are recommended to be aligned with the allocated presentation time of 15 minutes.
4. Each finalist team will be given a total duration of the content of the submitted paper. The material should be presented in of 45 minutes, divided as follows:

Technical Preparation: 5 minutes will be allocated for hardware and software setup.

Team Presentation: The main presentation session will be conducted for 15 minutes.

Question and Answer (Q&A): The interactive session with the Board of Judges will be conducted for 25 minutes.



5. The presentation must be delivered using each participant's or team's own laptop. Each team is required to ensure that the device, presentation file, adapter, and other technical requirements are ready before the presentation session begins.
6. The presentation order of the finalists will be officially drawn during the Technical Meeting (TM), which will be held online.
7. Each finalist is required to participate in the entire event in an orderly manner and comply with the rules and regulations established by the organizing committee.



PARTICIPATION REQUIREMENTS AND FEES

1. Registration and Confirmation Obligations

Six (6) teams that are declared qualified for the Grand Final stage are required to submit the supporting documents in accordance with the following participation fee options:

a. Option 1: IDR 320,000/person

Includes meals consisting of lunch, dinner, and snacks, transportation, field trip, and merchandise.

b. Option 2: IDR 395,000/person

Includes meals consisting of breakfast, lunch, dinner, and snacks, transportation, field trip, and merchandise.

2. Accommodation expenses are **not included in the finalist registration fee and are not covered by the organizing committee**. Therefore, each finalist is expected to arrange and cover their own accommodation expenses during the IPDCEC 2026 activities. As a form of support, the organizing committee will be pleased to assist finalists through the following services:

- a. Providing a list of recommended hotels and other accommodation options near the event venue.
- b. Assisting finalists in obtaining information regarding prices, locations, facilities, and room availability.
- c. Assisting finalists in contacting the accommodation provider and facilitating the reservation process based on their selected option.
- d. For finalists who experience financial difficulties related to accommodation expenses, the committee may assist in arranging a



temporary stay at the residence or boarding house of a committee member.

- e. The temporary stay option is not an official accommodation facility and is available only on a limited basis. The arrangement will depend on the committee member's consent, available space, comfort, safety, and prior coordination between the committee and the finalist.
 - f. Finalists who require this assistance are kindly requested to contact their Liaison Officer or the designated Contact Person as soon as possible. Finalists who receive temporary accommodation are expected to maintain cleanliness, order, courtesy, personal property security, and comply with the host's rules.
 - g. Any reservation fees, advance payments, deposits, or additional charges for hotels or other selected accommodation remain the responsibility of each finalist
3. Each team may choose the preferred fee option and complete the payment via bank transfer to the following account:
 - **BSI : 5077900480 (Meriatna).**
 4. Payment must be completed no later than July 28, 2026, at 11.59 PM (GMT+7) or 23.59 WIB, and confirmed to the following contact person:
 - Aisyah Wulansari Pasaribu (+62821-6251-2327)
 - using the format: **TeamName_FeeOption.**
 5. Finalists are expected to arrive in Lhokseumawe no later than **July 29, 2026**. Check-in will be available starting from 15.00 WIB and will be assisted by the committee at the accommodation.
 6. Finalists may return to their respective hometowns after the entire Closing Ceremony has concluded. Check-out times shall follow the policies of each accommodation provider and remain the responsibility of each finalist.

Finalists



staying temporarily at the residence or boarding house of a committee member are required to coordinate their departure time in advance with the committee or the host.

7. The details of the registration fee options mentioned in points a and b are as follows:

a. Option 1 (IDR 320,000/Person)

Item	Description	Price	Total
Lunch, dinner, and snacks	3 Days	IDR.50.000	IDR.150.000
Transportation	3 Days	IDR.15.000	IDR.45.000
Merchandise (Tumbler, goodie bag, fan, stickers, and keychain).			IDR.25.000
Field Trip			IDR.100.000
Total			IDR.320.000

b. Option 2 (IDR 395,000/Person)

Item	Description	Price	Total
Breakfast, lunch, dinner, and snacks	3 Days	IDR.75.000	IDR.225.000
Transportation	3 Days	IDR.15.000	IDR.45.000
Merchandise (Tumbler, goodie bag, fan, stickers, and keychain).			IDR.25.000
Field Trip			IDR.100.000
Total			IDR.395.000



TIMELINE

Activity	Date
Design Report Submission Period	June 21 – July 7, 2026
Jury Assessment Period	July 8 – 17, 2026
Announcement of 6 Finalist Teams	July 18, 2026
Finalist Attendance Confirmation Period	July 18 – 20, 2026
Finalist Confirmation Deadline	July 20, 2026
Finalist Technical Meeting	July 24, 2026
Finalist Arrival and Re-registration	July 29, 2026
Final Presentation (Offline)	July 30, 2026
Field Trip	July 31, 2026
Awarding Ceremony	August 1, 2026



FINALIST RUNDOWN OF IPDCEC 2026

1. Technical Meeting (24 July 2026)

No.	Time	Activity	Person in Charge
1.	14.30 – 14.40	Opening	<i>Master of Ceremony</i>
2.	14.40 – 14.50	Prayer Reading	Committee
3.	14.50 – 14.55	Welcoming Speech and Introduction by the Head Advisor/Organizer of IPDCEC 2026	Nasrul ZA, S.T., M.T.
4.	14.55 – 15.10	Participant Introduction Session	<i>Master of Ceremony</i>
5.	15.10 – 15.20	Jury Profile Presentation	<i>Master of Ceremony</i>
6.	15.20 – 15.35	Explanation of Presentation Mechanism	<i>Master of Ceremony</i>
7.	15.35 – 15.50	Question and Answer Session	Participants and MC
8.	15.50 – 16.05	<i>Ice Breaking</i>	Participants and MC
9.	16.05 – 16.15	Drawing of Presentation Order Numbers	<i>Master of Ceremony</i>
10.	16.15 – 16.25	Closing	<i>Master of Ceremony</i>

2. Day-1 Final Presentation (30 July 2026)

No.	Time	Activity	Person in Charge
1.	07.30 – 08.00	Participant Registration	Committee
2.	08.00 – 08.10	Opening	<i>Master of Ceremony</i>
3.	08.10 – 08.50	Welcoming Dance Performance	HIMATEMIA Dance Studio
4.	08.50 – 09.00	Qur'an Recitation and Prayer	Committee
5.	09.00 – 09.20	Singing of Indonesia Raya, Mars UNIMAL, Hymn of Aceh, and Mars of Chemical Engineering	PADUSTEMIA



6.	09.20 – 09.25	Welcoming Speech by the Dean of the Faculty of Engineering, Universitas Malikussaleh	Dr. Muhammad Daud, M.T
7.	09.25 – 09.30	Welcoming Speech by the Head of the Department of Chemical Engineering, Faculty of Engineering, Universitas Malikussaleh	Dr. Zulnazri, S,Si,M.T
8.	09.30 – 09.40	Welcoming Speech and Official Opening by the Rector of Universitas Malikussaleh	Prof. Dr. Herman Fithra, S.T., M.T., IPM., ASEAN.Eng.
9.	09.40 – 09.50	Group Photo Session	Participants, Invited Guests, and Committee
10.	09.50 – 10.00	Meet the Finalist Team	MC and Participants
11.	10.00 – 10.15	Jury Profile Presentation	<i>Master of Ceremony</i>
12.	10.15 – 10.20	Explanation of Presentation Mechanism	<i>Master of Ceremony</i>
13.	10.20 – 11.05	Presentation and Q&A Session of Team 1	Jury and Participants
14.	11.05 – 11.50	Presentation and Q&A Session of Team 2	
15.	11.50 – 12.35	Presentation and Q&A Session of Team 3	
16.	12.35 – 14.00	BREAK	
17.	14.00 – 14.45	Presentation and Q&A Session of Team 4	Jury and Participants
18.	14.45 – 15.30	Presentation and Q&A Session of Team 5	
19.	15.30 – 16.15	Presentation and Q&A Session of Team 6	
20.	16.15 – 16.30	Closing	<i>Master of Ceremony</i>



3. *Day-2 Field Trip (31 July 2026)*

No.	Time	Activity	Person in Charge
1.	08.00 – 08.15	Participant Registration	Participants
2.	08.15 – 08.25	Opening	<i>Master of Ceremony</i>
4.	08.35 – 08.45	Welcoming Speech by the Head of the Department of Chemical Engineering, Faculty of Engineering, Universitas Malikussaleh	Dr. Zulnazri, S,Si,M.T
6.	08.45 – 08.50	Prayer Reading	Committee
7.	08.50 – 09.00	Explanation of Field Trip Mechanism and Rules	<i>Master of Ceremony</i>
8.	09.00 – 09.10	Group Photo Session	Committee and Participants
9.	09.10 – 09.25	Departure to PT Pupuk Iskandar Muda)	Committee and Participants
10.	09.25 – 12.00	Industrial Visit to PT Pupuk Iskandar Muda (PIM)	Committee and Participants
11.	12 .20 – 13.00	BREAK	
12.	13.00 – 13.45	Departure to Kedai The Ground Coffee	Committee and Participants
13.	13.45 – 14.00	Tour at The Ground Coffee	Committee and Participants
14.	14.00 – 15.00	<i>Ice Breaking</i>	Committee and Participants
15.	15.00 – 15.20	Departure to Lhokseumawe Culinary Destination	Committee and Participants
16.	15.20 – 16.00	BREAK	
17.	16.00 – 17.00	Lhokseumawe Culinary Session	Committee and Participants
18.	17.00 – 17.30	Return Trip	Committee and Participants



4. Day-3 Awarding (01 August 2026)

No.	Time	Activity	Person in Charge
1.	07.30 – 08.00	Participant Registration	Participants
2.	08.00 – 08.10	Opening Ceremony	<i>Master of Ceremony</i>
3.	08.10 – 08.15	Prayer Reading	Committee
4.	08.15 – 08.35	Singing of Indonesia Raya, Mars UNIMAL, Hymn of Aceh, and Mars of Chemical Engineering	PADUSTEMIA
5.	08.35 – 08.45	Welcoming Speech by the Head of the Department of Chemical Engineering, Faculty of Engineering, Universitas Malikussaleh	Dr. Zulnazri, S,Si,M.T
6.	08.45 – 09.10	Entertainment Performance	Committee
7.	09.10 – 10.00	Winner Announcement	<i>Master of Ceremony</i>
8.	10.00 – 10.15	Group Photo Session	Committee and Participants
9.	10.15 – 10.30	Closing	<i>Master of Ceremony</i>



FINAL PRESENTATION ASSESSMENT

A. Presentation Assessment

No	Criteria	Indicator	Weight
1	Delivery	Systematic presentation and flow	5
		Clear and proper language usage	5
		Ethics and attitude during presentation	5
		Time management	5
2	Idea Delivery	Clarity of ideas and design concepts	10
		Feasibility of design implementation	10
		Consistency and strength of arguments	10
		Quality and depth of ideas	10
3	Team Capability	Accuracy in answering questions	10
		Mastery of material	10
		Understanding of simulation (Aspen)	10
		Teamwork and participation	10
Total			100

B. Final Scoring

No	Assessment Component	Weight (%)
1	Design Report	60%
2	Final Presentation	40%
Total		100%



CONTACT PERSON

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