

OGIP 2026

GUIDEBOOK



INTERNATIONAL PAPER POSTER COMPETITION OGIP 2026

**“Advancing Oil And Gas Engineering
Through Innovation Toward A Sustainable
Energy Future”**

Organized By



In Collaboration With



Supported By



WELCOME MESSAGE

The Oil and Gas Intellectual Parade (OGIP) stands as the premier annual international event hosted by the Petroleum Engineering Department at the University of Pembangunan Nasional "Veteran" Yogyakarta. This gathering brings together hundreds of participants from various disciplines, including petroleum, geology, geophysics, environmental studies, chemical engineering, and other related fields from across the globe. The event also features industry experts and practitioners from the oil, gas, and geothermal sectors. In partnership with SPE UPN-SC, IATMI-SM UPN "Veteran" Yogyakarta, INAGA-SM UPN "Veteran" Yogyakarta, and Patrapala Petroleum Adventure, we are delighted to introduce the 18th edition of OGIP 2026, centered around the theme "Breaking the Barrier to Empower Future Engineers in Driving Sustainable Energy Development."

This event offers a platform for both students and industry professionals to engage in discussions about sustainability within the oil and gas sector. It provides students with an excellent opportunity to showcase their expertise, ingenuity, innovation, capabilities, and community engagement in alignment with Tri Dharma Perguruan Tinggi principles by bringing together students and professionals in a single venue, we envision creating a collaborative space where both groups can exchange ideas on sustaining and enhancing our energy resources and human capital to support manufacturing industries, generate employment opportunities, and advance energy sustainability.

Regards,

President Director of OGIP 2026

A blue circular stamp with the OGIP 2026 logo and a handwritten signature in blue ink over it.

Muhammad Bachtiar Hasri Putra
NIM. 113 220 082

INTERNATIONAL PAPER POSTER COMPETITION OGIP 2026
PETROLEUM ENGINEERING DEPARTMENT
UNIVERSITY OF PEMBANGUNAN NASIONAL “VETERAN”
YOGYAKARTA

I. General Theme

Global carbon dioxide (CO₂) emissions reached an all-time high in 2024, elevating atmospheric concentrations to rise 50% above pre-industrial levels. This condition is reinforcing the urgency of global decarbonization efforts. In this context, Indonesia’s energy transition remains challenging, as the national energy system is still dominated by fossil fuels, while the contribution of renewables has not yet reached the level envisioned in earlier national planning.

Declining upstream production, rising import dependence, and exposure to geopolitical risks in global supply chains further reinforce the need to strengthen efficiency, resilience, and engineering performance within existing energy systems. With energy demand continuing to rise, the priority is to enhance oil and gas production through carbon neutrality approaches that extend field life while reducing environmental impact.

Within these efforts, innovation in oil and gas engineering remains vital. Improvements in field development planning, driven by digitalization, Enhanced Oil Recovery (EOR), and Carbon Capture, Utilization, and Storage (CCUS) are essential for managing mature assets. These advancements reduce operational emissions, thereby supporting national decarbonization goals without compromising energy security.

With the theme “Advancing Oil and Gas Engineering Through Innovation Toward a Sustainable Energy Future.” this competition serves as a platform to share ideas, research, and innovations. The goal is to progressively reduce the carbon footprint of hydrocarbon production while maintaining energy security and supporting economic stability in regions heavily dependent on fossil fuel industries.



II. Problem Statement

The theme of this International Paper Poster Competition is: “Advancing Oil and Gas Engineering Through Innovation Toward a Sustainable Energy Future” which will be specified into five subthemes, as follow:

1. Production Optimization Strategies for Oil Well Life Extension in Oil and Gas Fields.
2. Digital Transformation using AI and Machine Learning to Optimize Oil and Gas Operations.
3. Innovative Approach in Carbon Capture, Utilization, and Storage for a Resilient Energy Future.
4. Advancing Hydrogen Technologies for Sustainable Energy Transition.
5. Economic Feasibility and Cost Analysis.

III. General Rules

1. The OGIP 2026 International Paper Poster Competition will be held at 2nd of May 2026.
2. This competition is widely open for active undergraduate students from any universities around the globe which are related to Oil and Gas Industry.
3. Participants are advised to complete and submit the official registration form OGIP 2026 before the due date.
4. Participants have to comply with all the rules to join the competition, or else will be disqualified.
5. Each team that represents their university will be consist of 3 members which will be guided by one team leader and each of the team member can only participate in one of the Competition.



6. Each university is limited to two representative teams in the final stage.
7. The competition consists of three main phases. First one is Preliminary Round (Abstract Selection), the second one is Semifinal Round (Full Paper), and the last is Final Round (Full paper, Presentation Slide, and Poster).
8. The abstract, full paper, poster, and presentation must be written in English.
9. The topic of the abstract submitted must be the same with the final paper.
10. Any kind of reference must follow APA Citation Format.
11. Each team is mandatory to make a team name with a logo that represents the team. The name and logo will be used in report and presentation. Any attribute or logo from universities are prohibited.
12. Failing to obey the rules, format or late submission may receive deductions of points or even disqualification.
13. After submitting full paper and presentation slide, Team Leader is requested to verify the submission to our contact person.
14. Competition rules are subject to change. If any rules change, there will be an announcement that will be sent through email or Team Leader contact. Clarification and change of the agenda will be announced before the due date of competition.

IV. Competition Rules

1. Competition Day Rules

- a. Participants must attend the presentation day and cannot be replaced by other.
- b. The presentation and Q&A session must be delivered in English.
- c. Participants are prohibited to use any university attribute and mention university identities.
- d. During presentation & QnA, any external assistance is prohibited.
- e. Each team will be given 5 minutes preparation, 5 minutes QC Poster by judges, 10 minutes for presentation, and 30 minutes for the QnA session.
- f. Each team is responsible to display their own presentation file. The displayed file should not be different from file that submitted.
- g. Competition Officials
 - Judge : There will be three judges.
 - Moderator
 - Timekeeper
 - Host
- h. Team who fails to comply with rules will be given 10% point reduction.
- i. Other rules will be represented at the technical meeting day, which will be held on April 30th, 2026.



2. Judging Criteria Preliminary Stage

Abstract		
Competency Assessment		Percentage
Content Quality	Alignment between Problem Statement and the Proposed Idea	20%
	Analytical Depth and Effectiveness in Addressing the Problem Statement	10%
	Methods or Conceptual Design	10%
	Hypothesis or Results of the Proposed Idea	15%
Writing Quality	Structure, Clarity and Grammar	5%
Originality	Novelty and Originality of the Proposed Idea	20%
Feasibility	Technical and Practical Feasibility of the Proposed Idea	20%
SUB TOTAL		



3. Judging Criteria Semifinal Stage

Full Paper		
Competency Assessment		Percentage
Originality	Novelty and Originality of the Proposed Idea	20%
Writing Quality	Structure, Grammar, Clarity, and Compliance with Scientific Writing	10%
Research Quality	Analytical Depth and Effectiveness in Addressing the Problem	25%
	Alignment Between Research Objectives, Methodology, and Results	25%
Idea Feasibility	Feasibility and Implementation Urgency	15%
References	Use of Credible and Relevant References	5%
SUBTOTAL		



4. Judging Criteria Final Stage

Project Paper (55%)		
Competency Assessment		Percentage
Originality	Novelty and Originality of the Proposed Idea	20%
Writing Quality	Structure, Grammar, Clarity, and Compliance with Scientific Writing Standards	10%
Research Quality	Analytical Depth and Effectiveness in Addressing the Research Problem	10%
	Alignment Between Research Objectives, Methodology, and Results	5%
Idea Feasibility	Feasibility and Implementation Urgency	5%
References	Use of Credible and Relevant References	5%
SUB TOTAL		
Presentation & QnA (45%)		
Technical Presentation	Visual Quality and Informative Power Point Design	5%
Verbal Communication & Attitude	Articulation, Professionalism, and Appropriate Attitude	5%
QnA Session	Strength of the Arguments & Critical Thinking	15%
	Accuracy, and Relevance in Answering the Question	20%
SUB TOTAL		
FINAL SCORE (PROJECT PAPER + PRESENTATION & QNA)		



Project Poster (60%)		
Competency Assessment		Percentage
Content Quality	Clarity of Key Findings and Messages	20%
Data Visualization	Effectiveness of Data Visualization (charts, tables, figures, etc.)	15%
Visual Design	Creativity and Visual Design	15%
Technical Compliance	Layout Structure and Readability	5%
	Citation & References	5%
SUB TOTAL		
Quality Control (40%)		
Verbal Communication & Attitude	Articulation, Professionalism, and Appropriate Attitude	20%
QnA Session	Strength of the Arguments & Critical Thinking	20%
SUB TOTAL		
FINAL SCORE (PROJECT POSTER + PRESENTATION & QNA)		

5. Judges' decisions are absolute and not contestable, and the winner will be announced at OGIP 2026 Awarding Night.



V. Competition Format

1. Case Distribution

The Preliminary Case will be distributed to all participants on 23rd February 2026. Following the release of the Preliminary Case, participants are required to submit an abstract based on the given case. Participants who successfully pass the Preliminary Stage will advance to the Semifinal Stage and will receive the Semifinal Case. Subsequently, participants who qualify from the Semifinal Stage will proceed into the Final Round.

2. Preliminary Round

a. Abstract must include all parts of the case report (background, methods, results and conclusion).

b. Abstract must be written in English.

c. Abstract should consist of 250-350 words.

d. Only team and member identities are allowed. Any university's identities and attributes are prohibited.

e. The abstract must be submitted before 9th March 2026 in .pdf format via <https://ogip2026.id/>, with the subject and file name: IPPCOGIP2026_Abstract_Team Name.

f. The 35 best Abstract will advance to the semifinal round.

g. Teams that qualified to the semifinal round will be announced on 15th of March 2026.

h. Participants must follow the abstract format below:

- Paper size : A4
- Margin : 2,5 cm (Top, Left, Bottom, Right)
- Font : 14 pt Times New Roman Bold (Title)
12 pt Times New Roman Regular (Body)
- Line Spacing : 1,15
- Alignment : Justified
- Citation & References : APA Style



i. Participants are required to follow the abstract template, which can be accessed via the following link: <https://bit.ly/AbstractOGIP2026>

j. Any wrong format and late submissions will result in a deduction of 10% from the total points. Instances of plagiarism will lead to disqualification.

3. Semifinal Round

The top 35 teams with the highest scores in the Preliminary Stage will proceed to the Semifinal Stage. In this round, all selected teams are required to submit a full paper to the committee. The paper must be prepared following the guidelines outlined below.

a. Semifinalists are required to submit and present their full paper, which must closely correspond to the initial abstract. Only slight deviations from the abstract are permitted.

b. Semifinalists are required to follow the full paper template, which can be accessed via the following link: <https://bit.ly/AbstractOGIP2026>

c. The full paper should be written in English.

d. Only team and member identities are allowed. Any university's identities and attributes are prohibited.

e. The eight best semi-finalists will advance to the final round.

f. Teams that qualified to the final round will be announced on 5th of April 2026.

g. Participants must follow the full paper format below:

1) Full Paper layout

- Paper Size : A4
- Orientation : Portrait
- Margin : 2.5 cm (Top, Left, Bottom, Right)
- Line spacing : 1.15
- Column : Single column
- Font type : Times New Roman



2) Title layout

- Font size : 14 pt (Bold)
- Font style : Times New Roman
- Alignment : Centered

3) Body layout

- Font size : 12 pt
- Font style : Regular
- Alignment : Justified

h. Full paper must be submitted before 29th March 2026 in .pdf format via <https://ogip2026.id/>, with the subject and file name: IPPCOGIP2026_FullPaper_Team Name.

i. Any wrong format and late submissions will result in a deduction of 10% from the total points. Instances of plagiarism will lead to disqualification.

3. Final Round

The top 8 teams with the highest scores in the Semifinal Round will proceed to the Final Round. The submitted file must be prepared following the guidelines outlined below.

1) Poster and Presentation Format

a. Posters must be submitted in two forms. The first is a softcopy poster in .pdf format, which must be uploaded through the OGIP 2026 website before the submission deadline. The second is a hardcopy poster, which must be printed in A1 size (portrait) and brought to the venue on the competition day for on-site display and judging.

b. Presentation slide must be uploaded in .pptx format through the OGIP 2026 website before the submission deadline.

c. Poster and presentation files must be written in English.

d. Softcopy poster must be submitted before 30th April 2026 in a .pdf format via <https://ogip2026.id/>, with the subject and file name: IPPCOGIP2026_Poster_Team Name.



e. Presentation slide must be submitted before 30th April 2026 in .pptx format via <https://ogip2026.id/>, with the subject and file name: IPPCOGIP2026_Presentation_Team Name.

f. Any wrong format and late submissions will result in a deduction of 10% from the total points. Instances of plagiarism will lead to disqualification.

VI. Registration

1. OGIP 2026 Paper Poster Competition registration can be accessed through <https://ogip2026.id/> and submit the proof of your payment directly to the website provided

2. Registration fee

- Preliminary Round
 - o Early Bird : IDR 150.000,- / USD 9, each team
 - o Normal Registration : IDR 200.000,- / USD 12, each team
 - o Extended Registration : IDR 250.000,- / USD 16, each team
- Semifinal Round : IDR 0,- / USD 0, each team (free of charge)
- Final Round
 - o Non Accomodation : IDR 450.000,- / USD 28, each person
 - o Full Accomodation : IDR 650.000,- / USD 35, each person

The teams that are qualified to the final round must fulfill the payment 7 days after Official Delegates Announcement. Refer to the IDR registration for domestic delegates and USD for international delegates. Kindly make the payment to one of the following accounts:

- Account Number : 0078 4206 1728
- Bank Name : Blu by BCA Digital
- Account Name : ATRINDIA HASIBAH ROFIANINGTYAS

For International Student

- Paypal : <https://paypal.me/MeyandaKeisha>
- Account Name : @MeyandaKeisha



VII. Key Dates

- Open Registration : January 24th - 31st , 2026
- Normal Registration : February 1st - 22nd , 2026
- Extended Registration : February 23rd - 28th , 2026
- Preliminary Case Distribution : February 23rd , 2026
- Preliminary Round Submission : March 8th , 2026
- Judging Time : March 9th - 14th , 2026
- Semifinalist Announcement : March 15th , 2026
- Semifinal Round Submission : March 28th , 2026
- Judging Time Final : March 16th - April 4th , 2026
- Finalist Annoucement : April 5th , 2026
- Final Case Distribution : April 5th - 11th , 2026
- Final Round Submission : April 29th , 2029
- Technical Meeting : April 30th , 2026
- Competition Day : May 2nd , 2026

VIII. Award

1. Champion : IDR 5.000.000,- / USD 295 + Certificate
2. 1st Runner Up : IDR 3.000.000,- / USD 175 + Certificate
3. 2nd Runner Up : IDR 2.000.000,- / USD 120 + Certificate
4. Favorite Poster : IDR 500.000,- / USD 30 + Certificate



IX. Contact Person

- **Project Officer of International Paper Poster Competition OGIP 2026**
Satryo Abimanyu
Phone : +62 881 8573 896
Email : abbima214@gmail.com
- **Liaison Officer of International Paper Poster Competition OGIP 2026**
Bintang Mahawira Sandya Prasetyo
Phone : +62 822 3611 0805
Email : bintangpras652@gmail.com
Shufi Muliawan S.
Phone : +62 821 7663 7789
Email : shufiyudha224@gmail.com