



Oil & Gas Platform

DESIGN COMPETITION

PRIZES
1st : RM 2,000
2nd : RM 1,500
3rd : RM 1,000

Build your robust Platform

A Sustainable Engineering Project

Creative and innovative solutions in Oil & Gas

Sponsored by

For registration and more info, contact OGMTD Secretariat Ms. Ezzaty at 03-7890 0133 or email at ezzaty@iem.org.my



Find us at www.myiem.org.my



Oil & Gas Platform Design Competition

TIMELINES

Project design planning

Team registration with
Design Proposal submission

DEADLINE
22 NOVEMBER 2024

Design evaluation
assessment *1st Stage*

Shortlist teams
announcement

14 DECEMBER 2024

Building Model

Competition Day

22 FEBRUARY 2025

2nd Stage





OIL & GAS PLATFORM DESIGN COMPETITION

Design proposal criteria

1st Stage

Platform description

- Field information
 - Name
 - Location
 - Type of platform & structure
 - Facilities & process information
 - Economic information
- Facilities available
 - Mooring system
 - Drilling system
 - Process & Control system
 - Electrical system
 - HSE equipment
- Current issue and innovative solutions
 - Problem statement
 - Recommendation

Drawing of design platform

- Scale blueprint layout (presentable blueprint is advisable)

Sponsored by





OIL & GAS PLATFORM DESIGN COMPETITION

Design model criteria (shortlist teams)

2nd Stage

Using sustainable material

Robust design

Model dimension

- Length between 60 to 80 cm
- Width between 60 to 80 cm
- Top Side height between 30 to 70 cm
- Deck height between 30 to 60 cm

15 minutes presentation session

- describe the design and principles of related engineering on Oil & Gas Platform i.e. mechanical, chemical, civil, electrical, etc.
- explain the operation Oil & Gas Platform
- describe ESG (Environmental, Social and Governance) initiative for Oil & Gas Platform
- answer questions from judges

Weight test; the top side shall be able to be removed during the test

Float test; the top side shall be able to be removed during the test





OIL & GAS PLATFORM DESIGN COMPETITION

REGISTRATION

Open to Engineering Undergraduate Students of Malaysia University

In a team of 4 to 6 students

Competition fees/Commitment fees RM 150/team

Competition form must be submitted with Design Proposal

Only shortlisted teams will be invited to do model presentation

PRIZES

1st : RM 2,000

2nd : RM 1,500

3rd : RM 1,000

Consolation x2 : RM 500

Come Join Now

E-certificate of participation will be given to all teams

For registration and more info, contact OGMTD Secretariat Ms. Ezzaty
at 03-7890 0133 or email at ezzaty@iem.org.my

Find us at www.myiem.org.my

