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IN COLLABORATION WITH



AAPG
University of Malaya Alumni Chapter



GEOSCIENCE INDUSTRIAL WEEK 2019

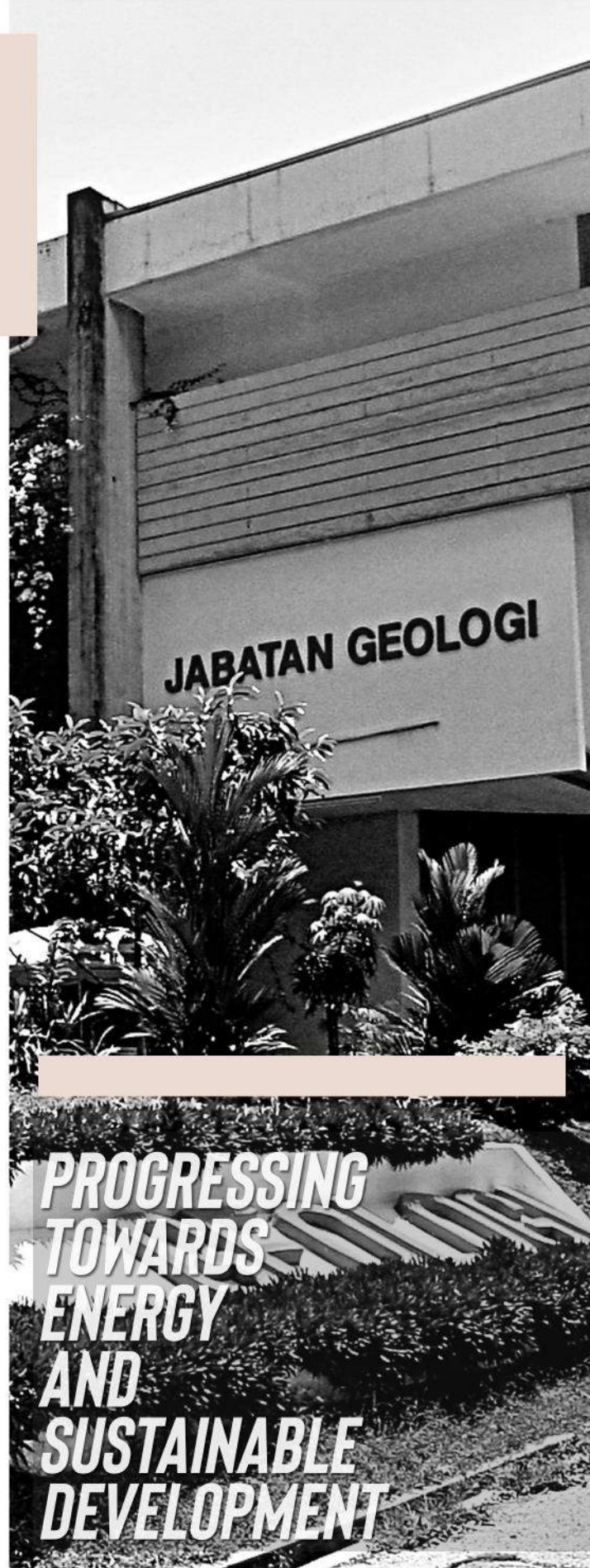
24, 25, 26 APRIL 2018
DEPARTMENT OF GEOLOGY
UNIVERSITY OF MALAYA
KUALA LUMPUR



GIW 2019
GEOSCIENCE INDUSTRIAL WEEK
UNIVERSITY OF MALAYA

INTRODUCTION

The **Geoscience Industrial Week 2019 (GIW 2019)** is the fifth annual event organized by Kelab Geologi Universiti Malaya (KAGUM) in collaboration with the Geology Department of the University of Malaya and the University of Malaya American Association of Petroleum Geologist (AAPG) Student Chapter. The first ever Geoscience Industrial Week was dated back in 2015 under the name of Mining, Oil & Gas Week 2015 (MOG 15) and it was in 2016 where this annual event was renamed to Geoscience Industrial Week (GIW) to accommodate more earth science related discussions beyond mining and oil & gas. Over the years, we have hosted countless national and international participants from various education level (secondary school, matriculation, undergraduate, postgraduate students), academia and industry figures within the realm of geoscience. GIW has become a yearly anticipated event especially by students as we host an environment that allows maximum exchange of intellectual discourse between students with academia and industry leaders. With this year's theme of **"Progressing Towards Energy and Sustainable Development"** we postulate a greater crowd and a more intensive intellectual discourse as we fulfill the **United Nation's 2030 Sustainable Development Goal Agenda**. Furthermore, GIW also acts as a platform that catalyzes potential partnerships and career opportunities for students.



**PROGRESSING
TOWARDS
ENERGY
AND
SUSTAINABLE
DEVELOPMENT**

INTRODUCTION TO GIW

PROGRESSING TOWARDS ENERGY AND SUSTAINABLE DEVELOPMENT

OUR OBJECTIVES

- To **gain interest** towards Earth Sciences as a promising course among students from various educational backgrounds.
- To **provide more exposure** for Geology students to sharpen their soft skills through project management.
- To **empower geosciences students** to map their own innovative ideas and solutions to global issues.
- To **offer a networking opportunity** in both academic and industrial field.
- To **promote a constructive dialogue** addressing global issues and challenges,



HOSTING ORGANISATIONS

PROGRESSING TOWARDS ENERGY AND SUSTAINABLE DEVELOPMENT



UNIVERSITY OF MALAYA

University of Malaya was founded on 28 September 1905 in Singapore as the King Edward VII College of Medicine and on 8th October 1949, it became the University of Malaya with the merger of the King Edward VII College of Medicine and Raffles College (founded in 1928). The University of Malaya derives its name from the term 'Malaya' as the country was then known. The Carr - Saunders Commission on University Education in Malaya, which recommended the setting up of the university, noted in its Report in 1948: *"The University of Malaya would provide for the first time a common centre where varieties of race, religion and economic interest could mingle in joint endeavour ... For a University of Malaya must inevitably realise that it is a university for Malaya."*

In 2018, the QS World University Rankings has ranked UM at the 87th place in the world, 24th place in Asia, 3rd in Southeast Asia and the top-ranked learning institution in Malaysia. With this, UM has broken its own record five times consecutively, and has moved up 53 ranks since 2014. The UM remains as the nation's top university.



JABATAN GEOLOGI UNIVERSITI MALAYA

University of Malaya's Department of Geology is the oldest geology department in the country. It was founded in Singapore in 1956 and relocated to The Kuala Lumpur Campus in 1960. From its modest beginning with only 4 academic staff and 2 final-year students in 1962, the Department has expanded and evolved into a multidisciplinary department, committed to the development of academic excellence in teaching and research.

KELAB GEOLOGI UNIVERSITI MALAYA (KAGUM)

Kelab Geologi Universiti Malaya (KAGUM) is a Geology student club funded by the Department of Geology of the University of Malaya. The club continues the tradition set by of a former student club known as the "Scrivenor Club". Students from all levels of geological programmes form the main committee that arranges social and academic activities involving members and staffs. The club acts as a platform for students to enhance personal and professional development. Involvement in this thematic club aids in producing quality geological graduates.

GIW 2019
GEOSCIENCE INDUSTRIAL WEEK
UNIVERSITY OF MALAYA



COLLABORATING ORGANISATIONS

PROGRESSING TOWARDS ENERGY AND SUSTAINABLE DEVELOPMENT



UNIVERSITY OF MALAYA SCIENCE SOCIETY

The Faculty of Science is among the oldest and most accomplished faculties in the University. Established in 1959 with 4 departments, Department of Botany, Department of Chemistry, Department of Mathematics and Department of Zoology: currently the Faculty of science is the biggest faculty in University of Malaya with nearly 2000 undergraduate students, 800 postgraduate students, 220 academic staffs and 250 support staffs.

AMERICAN ASSOCIATION OF PETROLUUM GEOLOGISTS (AAPG), UNIVERSITY OF MALAYA STUDENT CHAPTER

AAPG UM Student Chapter has been established in The Department of Geology in March 2016. The student chapter is under supervision of Geological Society of Malaysia (GSM), The main Geological Organization in Malaysia. There are over 100 active students registered as members in this chapter, which encompasses undergraduate and postgraduate students. AAPG UM student chapter has always been carrying out many events throughout each academic year such as oil & gas forum, technical talk, career talk, and workshops with topics related to oil & gas industry.



HIGHLIGHTS OF GIW 2019

PROGRESSING TOWARDS ENERGY AND SUSTAINABLE DEVELOPMENT

PANEL DISCUSSION

Ever since the discovery of fossil fuels, words like Geosciences or Geology has become synonymous to it. This stigma of geoscience and geology related profession is exclusive to the oil and gas industry is simply no longer true. Many institutions have diversified the field of geosciences to branch out into fields that is related to renewable and green energy. This panel discussion will bring industry leaders to explain to audience on the role of geosciences to positively impact the sustainable development agenda.



INDUSTRIAL & TECHNICAL TALKS

The main objective of industrial talk is to enable the students to better visualize what they have learned in class to the real industrial situations. With the theme "Progressing Towards Energy and Sustainable Development", the talk will also amplify the awareness of current global issues on energy use and to discuss the solutions in building a more sustainable and better future. Meanwhile, the primal aim of technical talk is to encourage a proactive atmosphere among geosciences students and young minds to develop a better understanding on technologies used in Earth Sciences.



EXHIBITIONS

We aim to educate young people by showcasing different fields of Earth Sciences using our own creativity in building models, setting up fun games and geological process demonstrations. Geological exhibitions help the curious minds to gain knowledge and at the same time to gain awareness on current issues like climate change and how they can contribute to Malaysia's economic prosperity, competitiveness and their own futures.



HIGHLIGHTS OF GIW 2019

PROGRESSING TOWARDS ENERGY AND SUSTAINABLE DEVELOPMENT

COMPETITIONS

ECO CITY

Eco City starts with a question - how can we make the world a better place? Students imagine, research, design, and build cities of the future that showcase their solution to a citywide sustainability issue. Eco City aims to instill an interest in sustainable living that showcases a utopia that implements green technology, renewable energy, and energy efficiency.

QUAKE IT OFF

Damage from an earthquake is dependent on local geology, the magnitude of the earthquake and building construction. The participants will have to build an earthquake resistant building by using allocated materials. This competition aims to generate students' interests on the importance of the earthquake resistant buildings and earthquake disaster mitigation.

GEOESCAPE

GeoEscape is a source of interactive way to test one's knowledge and skills by competing with and against fellow students from various universities. This competition aims to challenge geological knowledge of the students as well as to promote the vital role of Geosciences in society and in the industry.

INVENT AT ZERO

Invent At Zero competition encourages participants to spark their critical thinking skills and develop their best ideas and solutions by building an innovative model/prototype that uses renewable energy resources.

POSTER PRESENTATION

Scientific posters serve as an advertisement of one's hard work. This competition offers an opportunity for the students to share their research and ideas as well as to gain not only presentation skills but also communication skills.

PHOTOGRAPHY CONTEST

Photography is a form of both science and art. Capturing images at the exact instant they occur, solidifies that moment in a visual form, as it is likely may never occur or be replicated again. In this contest, the participants will have to submit their original photos which are related to the theme.

TENTATIVE PROGRAMME

GIW 2019

TIME DAY/DATE	0800-0900	0900-1000	1000-1130	1130-1300	1300-1400	1400-1600	-1700
WEDNESDAY 24 th April 2019	Preparation /Briefing DKG/MMP	Opening ceremony DKG	Technical talk: <i>Earth Sciences for Disaster Risk Reduction</i> DKG	Poster presentation (open to all) MUSEUM	Lunch /Break	Workshop DKG	
				FYP Poster Presentation MUSEUM		Geoscape (Preliminary round/ 1 st Round) MP	
THURSDAY 25 th April 2019	Preparatio n/ Briefing DKG/MMP	Panel Discussion: <i>Progressing towards energy and sustainable development (ends at 1100)</i> DKG		Invent At Zero Competition (starts at 1100) MMP	Lunch / Break/	Industrial Talk: <i>Energy Efficiency</i> (end:1630) DKG	
						Quake it Off Competition MMP	
FRIDAY 26 th April 2019	Geoscape (Final Round) MP		Eco-City: Design Your Future MMP/DEWAN KULIAH MASTER		Closing ceremony DKG/KDK/AUDI		



Competition



Talks



Ceremony

PAST PARTICIPANTS

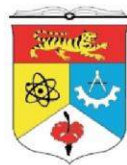
PROGRESSING TOWARDS ENERGY AND SUSTAINABLE DEVELOPMENT



UNIVERSITI
TEKNOLOGI
PETRONAS



UNIVERSITI SAINS MALAYSIA



UNIVERSITI
KEBANGSAAN
MALAYSIA
*The National University
of Malaysia*



UNIVERSITAS TRISAKTI



UNIVERSITI
MALAYSIA
KELANTAN



UNIVERSITAS
INDONESIA



จุฬาลงกรณ์มหาวิทยาลัย
Chulalongkorn University

Veritas, Probitas, Iustitia
— EST. 1849 —



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



UNIVERSITI
MALAYA



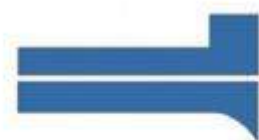
SEKOLAH BERASRAMA PENUH



A.P.I.S.
ASIA PACIFIC
INTERNATIONAL SCHOOL

PAST SPONSORS

PROGRESSING TOWARDS ENERGY AND SUSTAINABLE DEVELOPMENT



GEO-ESCAPE

GIW 2019

Geo-Escape is the new Geoquiz where there will be a new, exciting element to it: an escape room experience. Participants will be locked inside a room and they will need to use their wit and teamwork to solve the puzzles using the clues given. This competition aims to challenge geological knowledge of the students as well as to promote the vital role of Geoscience in society and in the industry.

1st Prize **RM1200**

2nd Prize **RM750**

3rd Prize **RM500**

REGISTRATION FEE

RM 70 *per participant*

- Access to GIW merchandizes
- Food & beverages are provided
- Access to ALL talks
- Access to ALL competitions
- Access to ALL exhibitions
- Certificate of Participation

1

ESCAPE ROOM PHASE

2

GEOQUIZ PHASE

Each participating team consists of 4 participants

GEO-ESCAPE

GIW 2019

Rules and Regulations

1. This competition is open to all Undergraduate Students from local, private, and international universities.
2. Each team consists of **4 participants** only.
3. Participants can be from any faculty.
4. This competition is **limited to 10 teams** with a maximum of two teams per university.
5. The participating teams are required to register through Google Form and pay required fees before the given dateline.
6. There will be two phases of the Geo-Escape:
 - i. Escape Room
 - ii. Geoquiz Session
7. These 2 phases will be held in 2 different sessions.
8. Phones are not allowed during the period of ongoing competition.
9. Notes are not allowed to be brought in during the competition.
10. Questions and answers are confidential.
11. The participating teams are not allowed to discuss about the escape room during the ongoing period of competition.
12. The participating teams are not allowed to bring anything inside the room.
13. Only one group will be released from time to time into the escape room and each group is only given 17 minutes to finish the escape.
14. After 17 minutes, the bell will ring to indicate that the time has finished and the group will have to stop even if they haven't finished the escape.
15. The shortlisted teams will be determined by their escape time and also by the amount of hints they have collected.
16. From Escape Room, there will be 5 groups with the highest marks that are qualified to next phase: Geoquiz session.
17. In this phase, phones are not allowed during the period of ongoing competition.
18. 5 groups will compete and only 3 groups will be selected as the winner of Geo-escape.
19. All regulations of GIW'19 Geo-Escape Competition are subjected to change. Any changes or updates will be informed through email.

QUAKE IT OFF

GIW 2019

Damage from an earthquake is dependent on local geology, the magnitude of the earthquake and building construction. The participants will have to build in advance an earthquake resistant building using their critical thinking skills. Quake It Off aims to generate students' interests on the importance of the earthquake resistant buildings and earthquake disaster mitigation.

1st Prize **RM1200**

2nd Prize **RM750**

3rd Prize **RM500**

REGISTRATION FEE

RM 60 *per participant*

- Access to GIW merchandizes
- Food & beverages are provided
- Access to ALL talks
- Access to ALL competitions
- Access to ALL exhibitions
- Certificate of Participation

1

Prepare model before the day of competition

2

Brief presentation to explain design, technology and technique used on the Competition Day

3

Consists of Load Test and Shaking Test

Each participating team consists of 4 participants

QUAKE IT OFF

GIW 2019

Rules and Regulations

1. This competition is open to all Undergraduate Students from local, private, and international universities.
2. Each team consists of **4 participants** only.
3. Participants can be from any faculty.
4. This competition is **limited to 10 teams** with a maximum of two teams per university.
5. The team is required to register through Google Form and pay required fees before the given dateline.
6. The participating teams are required to prepare a model before the day of competition.
7. The participating teams are required to make a brief presentation before the Load Test and Shaking Test.
8. The Judges' decision is final and absolute.
9. All regulations of GIW'19 Quake it Off Competition are subjected to change. Any changes or updates will be informed through email.

General Specification of Model: -

1. The model only needs the main structural frame of the building. Walls, windows, doors, stairs, roof are not compulsory.
2. Have multiple horizontal floors. The "roof" of model will act as the last floor. Load Test conducted above the ground floor.
3. Base of the building must be a square base board and must leave x mm clear around the model so the base can be clamped onto the platform of the shaking table. The floors above ground floor are up to the participant's creativity and can be in any shape.
4. Participants shall state the area where the load will go on the model.
5. No metal or plastic is allowed to act as the material for the structure.
6. Recyclable Materials are highly recommended.
7. Number of points are dependent on number of loads and floors. (It is recommended to exceed the number of minimum of loads and floors)

QUAKE IT OFF

GIW 2019

Technical Specifications of Model: -

1. Minimum dimension: **(30 cm x 30 cm x 45 cm)** (Width x Length x Height)
2. Leave **5 cm** space at the base of the model.
3. Minimum weight of the building: To be announced through email.
4. Structure is suggested to exceed the given dimensions above.
5. Minimum of 3 floors including roof.
6. Minimum 3 loads spaces.
7. Prepare area of Load Test on any three floors of model.
8. If model does not meet the minimum requirements stated, the team is disqualified.

Rules during Model Test : -

1. Participants are not allowed to make any modifications or make any repairs to the structure during or after the test.
2. Participants are only allowed to stand 2 meters from the model when it is being tested.
3. Participants are only allowed to prepare their models on the shaking table before the first Shaking Test/Phase One.
4. A Person In Charge (PIC) will have to put the Load on each load area.
5. The PIC is the only person that can test whether the model can still stand upright or not after each phase.
6. The PIC is the only person that can measure the degree of tiltness.
7. Minimum time of Shaking Test is 30 seconds for each phase.

ECO CITY: DESIGN YOUR FUTURE

GIW 2019

Eco City starts with a question - how can we make the world a better place? Students imagine, design, and build cities of the future that showcase their solution to a citywide sustainability issue. Eco City aims to instil an interest in sustainable living that showcases a utopia that implements green technology, renewable energy, and energy efficiency.

1st Prize **RM1200**
2nd Prize **RM750**
3rd Prize **RM500**

REGISTRATION FEE

RM 60 *per participant*

- Access to GIW merchandizes
- Food & beverages are provided
- Access to ALL talks
- Access to ALL competitions
- Access to ALL exhibitions
- Certificate of Participation

1

Build in advance the model of the eco city

2

Build a model based on these characteristics

- a. Conserve energy
- b. Development of the city
- c. Contribution towards animals and plants
- d. Geohazard

3

Present your model within 15 minutes with your own creativity.

Each participating team consists of 4 participants

ECO CITY: DESIGN YOUR FUTURE

GIW 2019

Rules and Regulations

1. This competition is open to all Undergraduate Students from local, private, and international universities.
2. Each team consists of **4 participants** only.
3. Participants can be from any faculty.
4. This competition is **limited to 10 teams** with a maximum of two teams per university.
5. The participating teams are required to register through Google Form and pay required fees before the given dateline.
6. The participating teams are required to prepare an eco city model before the day of competition.
7. The participating teams are required to build the eco city model based on these characteristics:
 - i. **Conserve Energy**
 - ii. **Development of the City**
 - iii. **Contribution towards Animals and Plants**
 - iv. **Geohazard**
8. Any type of material is allowed to use.
9. The use of recyclable materials is highly recommended.
10. The participating teams are required to prepare a creative presentation for their eco city model.
11. The maximum size of the model is **30 x 50 inch** while the minimum size for the model is **30 x 30 inch**.
12. The participating teams are required to present the model based on their creativity for **15 minutes** (e.g. The use of 3D Model Animation, the use of Brochure, slide presentation only, etc)
13. The Judges' decision is final and absolute.
14. All regulations of GIW'19 Eco City Competition are subjected to change. Any changes or updates will be informed through email.

ECO CITY: DESIGN YOUR FUTURE

GIW 2019

Characteristics of the model:

i. Conserve energy

- The participating teams are required to build a **functioning prototype** or model of renewable resources for the eco city model.
- Eg: wind turbine, solar power, geothermal power, etc.
- This part needs to be included in the eco city model.

ii. Development of the city

- Participants are required to design how the city would develop such as in terms of the transportation, buildings, infrastructures, etc.
- Participants need to emphasize the environmental measure for the city and ways to achieve sustainable development.

iii. Contribution towards animals and plants

- The participating teams are required to create city that brings benefit to animals and plants.
- E.g. design parks that demonstrate the transformative value of park on fostering a new relationship between human and nature.

iv. Geohazard

- Participants are required to designate a solution to mitigate one of common natural hazards in the Southeast Asia region.
- Participants need to demonstrate the safety precaution steps to reduce geohazard.

INVENT AT ZERO

GIW 2019

SCHOOL STUDENTS VERSION

Invent At Zero aims to spark creativity and critical thinking skills among school students in developing best ideas and solutions by building a creative model/prototype of environmentally friendly product that uses renewable energy resources.

1st Prize **RM1000**

2nd Prize **RM500**

3rd Prize **RM300**

REGISTRATION FEE

RM 40 *per participant*

- Access to GIW merchandizes
- Food & beverages are provided
- Access to ALL talks
- Access to ALL competitions
- Access to ALL exhibitions
- Certificate of Participation

1

Create a model/prototype of environmentally friendly product that uses renewable energy resources before the competition day.

2

Presentation of the prototype on the competition day.

3

Q&A session after presentation

Each participating team consists of 4 participants

INVENT AT ZERO

GIW 2019

Rules and Regulations

1. This competition is open to all secondary students from local, private, and international schools.
2. Each team consists of **4 participants** only.
3. Participants can be from any faculty.
4. This competition is **limited to 8 teams** only.
5. The participating teams are required to register through Google Form and pay required fees before the given dateline.
6. The participating teams are required to create a model/prototype of environmentally friendly product that use renewable energy resources before the competition day.
7. The theme is **“Progressing Towards Energy and Sustainable Development”**.
8. Each participating team must prepare for Q&A session that is related to the theme.
9. Each participating team must prepare a short introduction and explain briefly about their model/prototype.
10. Extra marks for the usage of recycled items or sustainable materials
11. Any type of material used is allowed.
12. The minimum size of the model/prototype must be **at least 20cm x 40cm**
13. The model must at least has one functioning part on the competition day.
14. Each participating team will be given **7-8 minutes** to present and another **7 minutes** for Q&A session by the judges.
15. During the explanation, state the usage of the model and the impact on the mankind and the environment.
16. The winner will be announced on the competition day.
17. All regulations of GIW'19 Invent At Zero Competition are subjected to change. Any changes or updates will be informed through email.

FYP POSTER PRESENTATION

GIW 2019

FYP Poster Presentation offers all students of various disciplines of study an opportunity to share their innovative research and amazing ideas as well as to gain not only presentation skills but also communication skills.

1st Prize **RM350**
2nd Prize **RM200**
3rd Prize **RM100**

REGISTRATION FEE

RM 50 *per participant*

- Access to GIW merchandizes
- Food & beverages are provided
- Access to ALL talks
- Access to ALL competitions
- Access to ALL exhibitions
- Certificate of Participation

TRACK 1

Green Technology

TRACK 2

Sustainable Development

FYP POSTER PRESENTATION

GIW 2019

Rules and Regulations

1. This competition is open to all undergraduate students from public, private, local and international universities.
2. Open for all undergraduate students who has just completed or is currently doing their Final Year Project (FYP) in Year 2019.
3. The participation must be in individual.
4. The competition is strictly **limited to only 10 participants** that registered first.
5. The participants can be from any faculty.
6. Participants are required to choose **ONLY ONE track** from the tracks given
7. All participants must wear formal attire on Presentation Day.
8. Demonstration of physical product/specimen, using laptop and/or projector, and decoration of the booth are not allowed.
9. The poster must be printed by the participants.
10. The judge's decision is final and absolute.
11. All regulations of GIW'19 FYP Poster Presentation Competition are subjected to change. Any changes or updates will be informed through email.

Abstract Submission

The length of the abstract should be between **300 – 500 words**. It must be a summary of your research project. Abstract must be submitted in .pdf form with document name **PosterAbstract_(Participant'sName).pdf** abstract and email the abstract at info@giw@gmail.com with the subject **"FYP POSTER PRESENTATION - ABSTRACT SUBMISSION"**. The dateline of abstract submission is on the **10th of April 2019** at 23:59 (GMT+8). Late submissions will not be accepted and automatically disqualified.

i. Abstract Format:

- Must use Arial Font with size 14 (title)
- Must use Arial with size 12 (content)
- Single-spaced
- Graphics, drawings or tables are not permitted in the abstract

FYP POSTER PRESENTATION

GIW 2019

ii. Poster Format

- The poster must include the following:
 - Title
 - Research description
 - Problem statement
 - Objectives and hypothesis
 - Methods and materials
 - Results
 - Conclusions
 - Future plans
 - References

 - The poster must be 48"wide × 36" height.
 - All illustrations and texts must be readable at least 2 feet.
 - Sections should be labelled and be listed in a clear order.
 - Academic institutions logo and GIW 2019 logo should be displayed.
 - All designs must be original only and not based on any existed poster.

iii. Each participant will be given 10 minutes to present their posters on the Competition Day.

- Presentation: 5 minutes
- Q&A session: 5 minutes

iv. The winners will be announced on the Competition Day

TRACKS FOR POSTER PRESENTATION:

- A. Green Technology
- B. Sustainable development

POSTER PRESENTATION

GIW 2019

Poster Presentation offers all students of various disciplines of study an opportunity to share their innovative research and amazing ideas as well as to gain not only presentation skills but also communication skills.

1st Prize **RM600**
2nd Prize **RM300**
3rd Prize **RM150**

Every poster must be made related to GIW 2019 theme '**Progressing Towards Energy and Sustainable Development**'

REGISTRATION FEE

RM 40 *per participant*

- Access to GIW merchandizes
- Food & beverages are provided
- Access to ALL talks
- Access to ALL competitions
- Access to ALL exhibitions
- Certificate of Participation

Each participating team consists of 3 participants

POSTER PRESENTATION

GIW 2019

Rules and Regulations

1. This competition is open to all undergraduate students from public, private, local and international universities.
2. The competition is strictly **limited to only 10 participants** that registered first.
3. The participants can be from any faculty.
4. Each team consists of 3 participants only.
5. Every poster must be made related to this year's GIW 2019 theme which is **'Progressing Towards Energy and Sustainable Development'**.
6. All participants must wear formal attire on Presentation Day.
7. Each participant will be given 10 minutes to present their posters on the Competition Day.
8. Demonstration of physical product/specimen, using laptop and/or projector, and decoration of the booth are not allowed.
9. The winners will be announced on the Competition Day.
10. The poster must be printed by the participants before the competition day.
11. The dateline of abstract submission is on the 10th of April 2019.
12. The judge's decision is final and absolute.
13. Further details regarding the competition will be informed through email.
14. All regulations of GIW'19 Poster Presentation Competition are subjected to change. Any changes or updates will be informed through email.

Abstract Submission

The length of the abstract should be between **300 – 500 words**. It must be a summary of your research project. Abstract must be submitted in .pdf form with document name **PosterAbstract_(Participant'sName).pdf** abstract and email the abstract at info@giw@gmail.com with the subject **"POSTER PRESENTATION - ABSTRACT SUBMISSION"**. The dateline of abstract submission is on the **10th of April 2019** at 23:59 (GMT+8). Late submissions will not be accepted and automatically disqualified.

POSTER PRESENTATION

GIW 2019

Abstract Format:

- Must use Arial Font with size 14 (title)
- Must use Arial with size 12 (content)
- Single-spaced
- Graphics, drawings or tables are not permitted in the abstract

ii. Poster Format

- The poster must include the following:
 - Title
 - Research description
 - Problem statement
 - Objectives and hypothesis
 - Methods and materials
 - Results
 - Conclusions
 - Future plans
 - References
- The poster must be 48"wide × 36" height.
- All illustrations and texts must be readable at least 2 feet.
- Sections should be labelled and be listed in a clear order.
- Academic institutions logo and GIW 2019 logo should be displayed.
- All designs must be original only and not based on any existed poster.

iii. Each participant will be given 10 minutes to present their posters on the Competition Day.

- Presentation: 5 minutes
- Q&A session: 5 minutes

iv. The winners will be announced on the Competition Day

PHOTOGRAPHY

GIW 2019

Photography is a form of science and art. Capturing images at the exact instant they occur, solidifies that moment in a visual form as it is likely may never occur again. In this contest, participants will have to submit their original photos and write the most creative description which follows the theme **"In Praise of Mother Earth"**.

1st Prize **RM250**

2nd Prize **RM150**

3rd Prize **RM70**

REGISTRATION FEE

RM 10 *per participant*

- Access to ALL talks
- Access to ALL exhibitions
- Certificate of Participation

Each photograph must be sent with participant's details, photo details and a short description of the photo related to the theme (not more than 50 words) through email.

Post the photograph on your social media with the short description and don't forget to mention the hashtag '#GIW2019'.

Get most likes from your social media account and from our official social media account too!

Open for ALL

PHOTOGRAPHY

GIW 2019

Rules and Regulations

1. This contest is open to all.
2. Registration must be done through the online form.
3. Photo submission should be done before the due date: **24th of March 2019**.
4. Registration fee must be paid before the due date.
5. Plagiarism is strictly not allowed.
6. The photo taken must follow the theme **"In Praise of Mother's Earth"**.
7. Post the photograph with the description **not more than 50 words** on your social media (Facebook or Instagram). The post must be **in public**.
8. Provide hashtag **#GIW2019** in the caption and follow one of our social media accounts (Facebook: /giwum or Instagram: @giw.um).
9. Each photograph must be sent with participant's name, name of the place the photo was taken from, the link to your post, and short descriptions of the photo related to the theme (not more than 50 words) through email.
10. All regulations of GIW'19 Photography Contest are subjected to change. Any changes or updates will be informed through email.

Photo Submission

The length of the description should be **not more than 50 words**. The submission must be submitted in .jpeg form with document name **PhotoSubmission_Participant'sName.jpeg** email at info@giw@gmail.com with the subject **"PHOTOGRAPHY CONTEST - SUBMISSION"**. The dateline of abstract submission is on the **24th of March 2019** at 23:59 (GMT+8). Late submissions will not be accepted and automatically disqualified.

CONTACT US

PROGRESSING TOWARDS ENERGY AND SUSTAINABLE DEVELOPMENT

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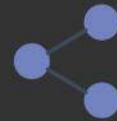
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