



ELITE

IEM SAFE UNIMAS
STUDENT SECTIONS
E-MAGAZINE
2020/2021





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ABOUT IEM-SAFE ELITE MAGAZINE

IEM-SAFE ELITE Magazine presents the activities organized by the IEM-SAFE UNIMAS Student Section. This is the first magazine by the IEM-SAFE UNIMAS Student Section. It consists of the information on the activities conducted by the IEM-SAFE UNIMAS Student Section.

IEM-SAFE ELITE magazine promotes the IEM-SAFE UNIMAS Student Section and its activities to the UNIMAS community, especially the Faculty of Engineering staff and students.

IEM-SAFE ELITE magazine is also used to assist the Faculty of Engineering in providing the updated student's activities for the accreditation report purposes to the Engineering Accreditation Council (EAC), as well as to Institute Engineers Malaysia (IEM) Sarawak Branch and Headquarters.

In addition, this IEM-SAFE ELITE magazine also shows the students commitment, leadership, teamworks, creativity and communication skills throughout the successfully implemented activities.



OUR DEAN SPEECH

Prof Ir Dr Siti Noor Linda Taib



Assalamualaikum W.B.T. and Hello!

Congratulations to the IEM-SAFE UNIMAS for the first publication of ELITE GEN-IX IEM SAFE E-Magazine 2020/2021.

It is always our utmost pride on celebrating and honouring efforts contributed by our dear students especially in engaging themselves with extra-curricular activities that require their collective interest and strength to ensure every single one of them is a success. Our aim in educating our future engineers is not only restricted to achieving academic accolade, but we wish to see them to excel in all aspects of life which make them a complete individual who will give the best to the nation.

I am particularly impressed by the number of quality activities organised by the team and the large number of students able to benefit from it. I have no doubt that IEM-SAFE UNIMAS will continue to sustain its place as the MOST OUTSTANDING IEM Student Section for the Year 2020 and 2021 in the country!

Well done and Stay Safe.



OUR DEPUTY DEAN UNDERGRADUATE & ALUMNI

DR ERVINA JUNAIDI

Assalamualaikum and greetings to all,

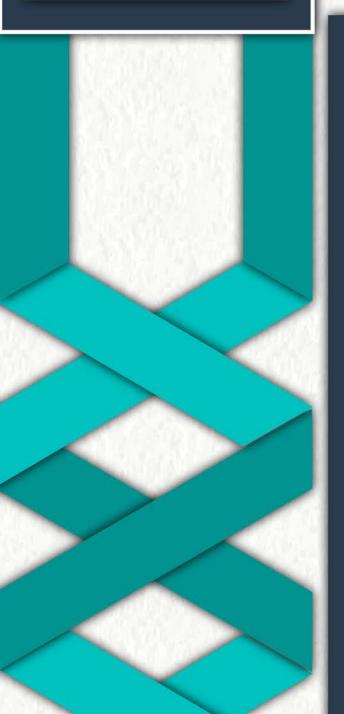
First of all, I would like to congratulate the IEM-SAFE UNIMAS Students Section 2020/2021 Committee as well as Ir Dr. Kasumawati Binti Lias, as the advisor for publishing the inaugural edition of the IEM-SAFE E-MAGAZINE 2020/2021. I would also like to take this opportunity to welcome 9th Generation The IEM-SAFE UNIMAS Student Section, Chair of the committee Abang Ahmad Latif bin Ahmad Sarbini for the term 2020/2021.

I believe that the E-Magazine is one of the best platforms in highlighting the students' activities that are undertaken remotely and on digital platforms. This milestone would not have been possible without their dedication and perseverance. Despite the challenges faced during the COVID-19 pandemic, students have adapted to new modes of learning, living, and engaging with the remote campus community. This is an indication of remarkable resourcefulness and resilience of our students as they transition to new online learning and interacting environment in the face of this this unprecedented time.

It is my wish that The IEM-SAFE UNIMAS Students Section 2020/2021 serves as a flint to ignite enthusiasm and passion among students of the Faculty of Engineering, Universiti Malaysia Sarawak (UNIMAS). My best wishes to the editorial board for continued success.

Best of luck on your next adventure!

ADVISOR IEM-SAFE UNIMAS STUDENT **SECTION**





DR KASUMAWATI LIAS

Assalamualaikum w.r.t. and salam sejahtera,

Alhamdulillah, Thank you, Allah, for this opportunity as IEM-SAFE UNIMAS Student Section's advisor. Well done to all the IEM-SAFE UNIMAS Student Section 9th Generation committee on your commitment in producing the IEM-SAFE ELITE

magazine.

All your hard work to successfully organizing the activities are well-presented in the magazine. Your team works are spectacular. All the beautiful moments are captured and kept in this IEM-SAFE ELITE magazine.

My gratitude and appreciation to the Faculty of Engineering Management team and all the academics staff, technical staff, administrative staff, as well as our beloved students that assist the IEM-SAFE UNIMAS Student Section in ensuring the activities are organized successfully.

Thank you, IEM-SAFE UNIMAS Student Section 9th Gen teams for all your efforts. This IEM-SAFE ELITE magazine is a precious gift to us in the Faculty of Engineering.

Thank You.



CHAIRMAN OF IEM SARAWAK BRANCH GRADUATE & STUDENT SECTION

DR. VICTOR BONG NEE SHIN

Dear IEM-SAFE UNIMAS,

On behalf of IEM-YES Sarawak, I congratulate the IEM-SAFE UNIMAS on another successful year, and in winning the Outstanding IEM Student Section Award.

IEM is a society established to promote and advance the science and profession of engineering in any or all its disciplines and to facilitate the exchange of information and ideas related to engineering. It also brings together engineers from different fields and disciplines, including students nationwide, to facilitate the exchange of information and ideas related to engineering.

The IEM Student Section is a very powerful platform for students to explore new horizons via professional networking, exchange of ideas, and learning from fellow students as well as industry practitioners. It is also the perfect platform to nurture one's leadership skills and various soft skills essential in the real-world engineering which is increasingly multidisciplinary and challenging.

In the past year, IEM-SAFE UNIMAS has shown tremendous leadership, resilience, and creativity to remain active and relevant during the COVID-19 pandemic. We continue to see many events conducted virtually to engage the student members, to remain relevant to the engineering community in the university, and to stay connected to the external engineering societies. As we prepare for the post-pandemic era, I strongly believe that IEM-SAFE UNIMAS will continue to lead the with the same level of enthusiasm and continue to build upon the current success.

Thank you again for your continuous support and contribution to IEM Sarawak Branch and IEM-YES Sarawak over the past year. Your dedicated commitment has been immensely valuable, and we hope to continue working closely with you in many years to come.

ritomsbong-

Dr. Victor Bong Nee Shin Chairman 2020/2021 IEM Sarawak Branch Graduate and Student Section



CHAIRMAN IEM-SAFE UNIMAS STUDENT SECTION

ABANG AHMAD LATIF BIN ABANG SARBINI

Assalamualaiakum, it is an immense honour and privilege to be given an opportunity to pen my thoughts for The IEM-SAFE UNIMAS Student Section 2020/2021 Committee. I would like to express my deepest gratitude to IEM YES Sarawak Branch, Faculty of Engineering UNIMAS, dearest Dean, Assoc. Prof. Ir Dr Siti Nor Linda Taib, advisor, Ir Dr Kasumawati Lias and notably The IEM-SAFE UNIMAS Student Section 2020/2021 Committee. It is indeed a great prospect for me to be granted trust as your 2020/2021 Chair succeeding Abang Muhammad Haziq and respectable chairs who served before.

It is an extremely unusual environment for us all since the pandemic was declared. Although we had to resort to fully virtual events this year, I cannot be more pleased and prouder to see the turnout of participants seemingly amplified as we go. Students especially must cherish this opportunity given by IEM as student members have a lot of benefits. It is very important that the current generation of students are united in order to always challenge ourselves, enhance and strengthen this student section.

I believe in the mission and vision of IEM-SAFE will persistently increase student's standards and nurture fellow members to be the leaders of tomorrow. It is my aspiration to see more students to actively partake in IEM-SAFE's events and eventually onto YES in the future. IEM network has helped us all to expand professional network, exchanging ideas and gaining knowledge from other student sections.

"If anyone travels on a road in search of knowledge, Allah will cause him to travel on one of the roads of Paradise." - Prophet Muhammad PBUH as reported by Abu Darda in Sunan Abu Dawood, hadith #1631.

Sekian Wabillahitaufik Walhidayah Wasalamualaikum Warahmatullahi Wabarakatuh.



ABANG AHMAD LATIF BIN ABANG SARBINI, Chairman, The IEM-SAFE UNIMAS Student Section 2020/2021 Session.

OUR ORGANIZATION

IEM-SAFE UNIMAS STUDENT SECTION



ADVISOR
DR KASUMAWATI BT. LIAS



HONORARY TREASURER
HAFIZ BIN ASLAN
ALAN WONG

CHAIRMAN
ABANG AHMAD LATIF

GENERAL SECRETARY
BILLY TU JIA FENG
IZZAN HAKIMI

VICE CHAIRMAN 1
MOK WEN HAO

VICE CHAIRMAN 2 NUR NAFISA



EXCO OF MULTIMEDIA & PUBLICITY RICHARD KEEGAN MOHD FADZLAN EXCO OF ENTREPRENEURSHIP MOHD FARIS GABRIELKOH EXCO OF STUDENT AFFAIRS & REGISTRATION NATALIE MARION AIN ZAIENAH SUERAYA

EXCO OF SPORTS & RECREATIONS MOHD AKHIMULLAH

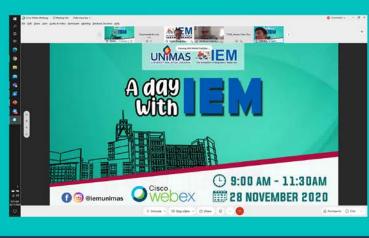
EXCO OF CHARITY & EXTERNAL AFFAIRS MOHD FARUKH

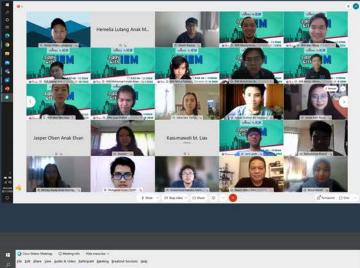
2020 2021

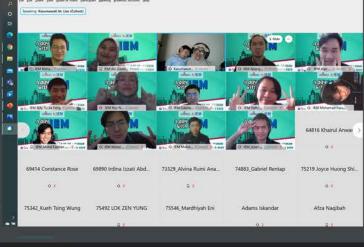
OUR ACTIVITIES



A Day with IEM is an annual program carried out by IEM-SAFE UNIMAS Student Section. It is mainly to promote IEM Student Section to the newly registered students of the Faculty of Engineering. This program was conducted on 28th November 2020, and it is the first time organized online due to the new norm pandemic situation. The 9th Generation committee of the IEM-SAFE UNIMAS Student Section is introduced to all 436 students that attended the event. During A day of IEM, all interested participants are assisted during the registration process to be a member of the IEM Student Section. Also, a talk on Professional Engineer requirements and the introduction to IEM YES Sarawak Branch are carried out by the invited speaker from IEM YES Sarawak Branch.









IEM EDUTAINMENT FAIR 2020

IEM Edutainment Fair is organized mainly to promote an active learning environment, which is participated by UNIMAS students and outside communities.

It was conducted from 26thNovember 2020 to 4thDecember 2020. All the program activities are implemented online to ensure the physical distancing has complied. Various activities have been carried out, such as:





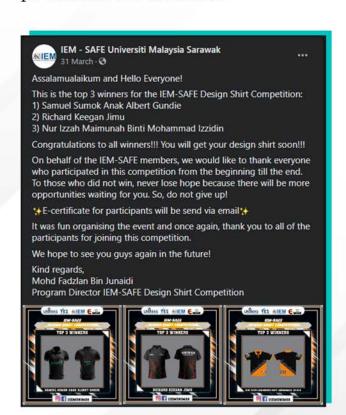




ENGINEERING WEEK

2021

Engineering Week 2021 is a program organized by the IEM-SAFE UNIMAS Student Section annually. This program was first introduced and organized in 2011 in line with the national Engineering Week celebration by the Institution of Engineers Malaysia (IEM). This program aims to instil enthusiasm among the IEM-SAFE UNIMAS Student Section in addition to playing a role as a bridge between engineering students and the engineering community. Apart from that, this program is a collaboration between various parties, namely the Faculty of Engineering UNIMAS, IEM Sarawak Branch and IEM G&S Sarawak Branch. Through this collaboration, it provides valuable opportunities and experiences to the students of the IEM-SAFE UNIMAS Students Section and the students of the Faculty of Engineering as a whole. All the events conducted during Engineering Week 2021 are provided as follows:



IEM-SAFE DESIGN
SHIRT COMPETITION



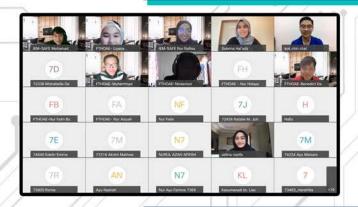
OPENING CEREMONY

IEM FIFA 21 ONLINE TOURNAMENT





FROM THE HEART OF AN ENGINEER





MAKE YOUR OWN MINI LAPTOP



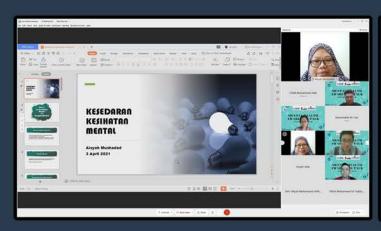








MENTAL HEALTH AWARENESS TALK





MINECRAFT CODING 2.0





VIRTUAL TECHNICAL VISIT

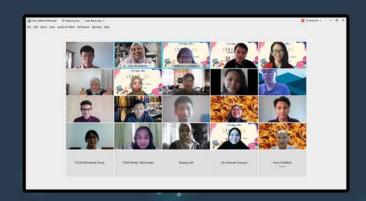






STARTUP COMPETITION





GRADUATION PREP

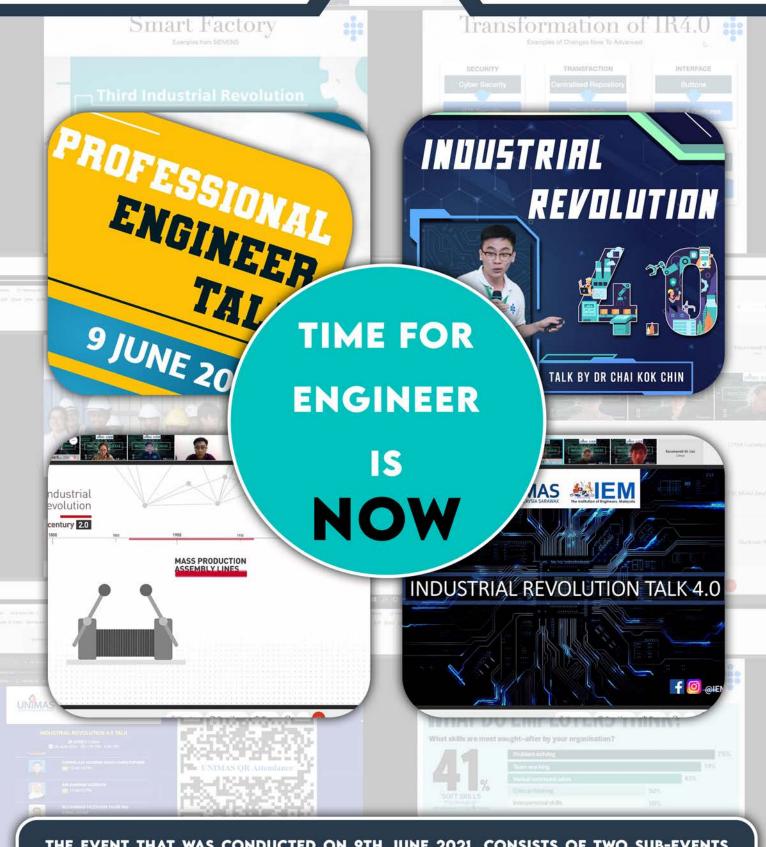




CLOSING CEREMONY







THE EVENT THAT WAS CONDUCTED ON 9TH JUNE 2021, CONSISTS OF TWO SUB-EVENTS WHICH ARE PROFESSIONAL ENGINEER TALK AND INDUSTRIAL REVOLUTION 4.0 TALK. THESE TWO (2) WEBINARS ARE SIGNIFICANT FOR ENGINEERS NOWADAYS TO ATTAIN THE PROFESSIONAL ENGINEER CERTIFICATION (IR) AND ALSO THE GAIN KNOWLEDGE ON THE INDUSTRIAL REVOLUTION (IR) PHENOMENON, IR 4.0, IN ORDER TO ENSURE THE ENGINEERS ARE ABLE TO DELIVER THEIR PROFESSIONALISM IN THIS DIGITAL GLOBALIZATION ERA.



IEM-SAFE UNIMAS STUDENT SECTION BANK ACCOUNT

ON 5TH AUGUST 2021, IEM-SAFE ADVISOR WITH (THREE) 3 SELECTED MEMBERS FROM MAIN COMMITTEES OF IEM-SAFE HAVE
INITIATED THE BANK ACCOUNT OPENING AT THE BANK RAKYAT, KOTA SAMARAHAN. THIS ACCOUNT IS TO EASE THE ACCOUNT
MANAGEMENT OF IEM-SAFE.



NATIONAL SUMMIT 2021

The National Summit is an annual grand event that gathers all Malaysian engineers and engineering students to discuss issues related to engineering careers, professional development, education, technical site visit, technical information echange and networking activities.

And in the year 2021, National Summit was conducted online from 5th to 7th August 2021. This was the first-ever virtual National Summit in Malaysia. IEM (Southern Branch) Young Engineers Section (IEMSB-YES) was selected as the host for this year National Summit 2021.

Five (5) students from the IEM-SAFE UNIMAS Student Section has participated in this National Summit 2021, and all the registration fees were sponsored by IEM G&S YES Sarawak Branch

In this National Summit 2021, the IEM-SAFE UNIMAS Student Section is awarded The Outstanding IEM Student Section award for the years 2020 and 2021.

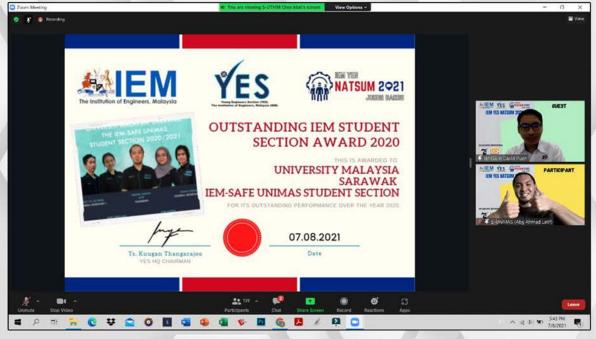




5THAUGUST 2021











SUMMIT 2021

NATIONAL



TOTAL PRIZE RM530

ENTRY FEE

20 - 22 AUGUST 2021

8.30 P.M. - 12.00 A.M.

OPEN SLOTS FOR 32 TEAM OUP A & B QUALIFYING / DVANCED EACH GRO -FINAL

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TOUR VALUE

99

26.6

IEM-SAFE PUBG MOBILE TOURNAMENT EVENT IS ONE OF THE
ACTIVITIES ORGANIZED BY THE IEM-SAFE UNIMAS STUDENT SECTION.
THE PURPOSE OF THIS PROGRAMME IS TO CREATE ENGAGEMENT BETWEEN
THE IEM-SAFE STUDENT SECTION AND THE COMMUNITY. BESIDES, IT ALSO
ORGANIZES MAINLY TO GAIN MORE EXPERIENCE AND KNOWLEDGE IN CONDUCTING
AND MANAGING E-SPORT EVENTS. THIS PROGRAMME IS ABLE TO HIGHLIGHT THE
STUDENT'S TALENTS IN MANAGING AND CREATIVITY SKILLS IN E-SPORTS. MOST PEOPLE
SEE PUBG MOBILE AS A GAME, BUT IT IS A GAME OF COMMUNICATION AND TEAMWORK
BETWEEN YOUR TEAMMATES. IT INCLUDES THE ABILITY TO THINK CRITICALLY DURING CRITICAL
SITUATIONS IN THE GAME AS WELL AS IN REAL LIFE. THIS EVENT WAS CARRIED OUT FROM 20TH TO 22ND
AUGUST 2021.





THIS EVENT WAS INITIATED TO

ENLIVEN THE MERDEKA SPIRIT

AMONG UNIMAS STUDENTS IN CREATIVE

VIDEO/MULTIMEDIA PRESENTATIONS.

THREE (3) UNIMAS STUDENTS HAVE PARTICIPATED IN THIS CONTEST.



10TH GEN IEM-SAFE UNIMAS STUDENT SECTION SELECTION

From a series of interviews and presentations from the candidates for the 10th Gen IEM-SAFE UNIMAS Student Section, the list of the committees is then finalized.









THE IEM-SAFE UNIMAS STUDENT SECTION 2021/2022



CHAIRMAN



NUR AYU FARINA

VICE CHAIRMAN 1



AINA FARHANA

VICE CHAIRMAN 2



IRDINA IZZATI



DOROTHY BUN JALONG

GENERAL SECRETARY



NUR FATIN BATRISYA



PEI WEN

HONORARY TREASURER



LEONARD LEE SHAW PIN

EXCO OF SPORTS & RECREATION





BRENDA LEONG PEI YEN

EXCO OF MEDIA & PUBLICITY



RICHIE ANAK ROMEION



JUNE YONG YEE JING

EXCO OF STUDENT AFFAIRS & REGISTRATION





EXCO OF ENTREPRENEURSHIP & EXTERNAL AFFAIRS

OTH GENERATION

PROGRAM DIRECTOR OF IEM-SAFE UNIMAS EVENTS

- 1. A DAY WITH IEM AIN ZAIENAH SUERAYA
- 2. IEM EDUTAINMENT FAIR MOHD FARIS BIN HARDJI
- 3. STUDYING IN THE TIME OF COVID-19 TIKTOK CONTEST MOK WEN HAD
- 4. MINECRAFT CODING MOHD FARIS BIN HARDJI
- 5. IEM PUBG TOURNAMENT MOHD FARUKH KHAN BIN AYUP
- 6. INTERNET OF THINGS TALK ABANG AHMAD LATIF BIN ABANG SARBINI
- 7. THE TIME FOR ENGINEERING IS NOW BILLY TU JIA FENG
- 8. PROFESSIONAL ENGINEER TALK IZZAN HAKIMI BIN OMAR SHARIF
- 9. INDUSTRIAL REVOLUTION 4.0 TALK BILLY TU JIA FENG
- 10. ENGINEERING WEEK 2021 ABANG AHMAD LATIF BIN ABANG SARBINI
- 11. OPENING CEREMONY ENGINEERING WEEK 2021 ALAN WONG SOON TECK
- 12. IEM-SAFE SHIRT DESIGN COMPETITION MOHD FADZLAN BIN JUNAIDI
- 13. IEM FIFA 21 ONLINE TOURNAMENT MOHD AKHIMULLAH BIN KASIM SELAMAT
- 14. FROM THE HEART OF AN ENGINEER NUR NAFISA BINTI ABDULLAH
- 15. MAKE YOUR OWN MINI LAPTOP MOHD FARIS BIN HARDJI
- 16. MENTAL HEALTH AWARENESS TALK GABRIEL KOH CHEO JUN
- 17. MINECRAFT CODING 2.0 RICHARD KEEGAN JIMU
- 18. VIRTUAL TECHNICAL STUDY VISIT AIN ZAIENAH SUERAYA
- 19. STARTUP COMPETITION HAFIZ BIN ASLAN
- 20. GRADUATION PREP NATALIE MARION ANAK JOHN
- 21. CLOSING CEREMONY ENGINEERING WEEK 2021- MOK WEN HAD
- 22. IEM-SAFE PUBG MOBILE TOURNAMENT MOHD. AKHIMULLAH BIN KASIM SELAMAT
- 23. DEMIMU MALAYSIA SHORT VIDEO CONTEST MOHD FARUKH KHAN BIN AYUP

OUR MEMBERS MESSAGES



The best is yet to come, applying for IEM-SAFE was the best decision I made. Enjoy IEM and expand your network kiddos!

Wishing you all the best in your endeavours. As the saying goes: Men of action are favoured by the goddess of good luck.





Theres memories and knowledge lies within your oneyear journey in IEM-SAFE I kid you not. Nothing to lose, all to gain. Definitely a great experience for you to step into adulthood

Best of luck with your studies and make sure to stay safe during this Covid-19 Pandemic.





Be strong yet gentle, be brave yet cautious. There's nothing to lose, it is more to gain.

Thank you for willingly joining this great family. Gaining experience is a must and of course memory too. Wishing all the best in the future and can't wait to join your event!





Wish you guys best luck as you embark on a new journey in IEM-SAFE and also your studies!

Get as much knowledge as possible and make use of it in the future. All these knowledge helps us to improve and be a better person. Goodluck and strive foward!





Life at times can be full of puzzles, confusions, and hurdles. But if you have strong determination then it can be full of new thrills and adventure. Wish you all the best and enjoy. Fighting!

Stay safe and healthy mentally, physically and emotionally throughout the pandemic or endemic or whatever it is.





Never forget the essence of your sparkle. Take your time to shine brighter than ever with the essence of teamwork.

Sometimes, we need darkness to see the stars. Don't be ashame with your failure, cause failure is the stairs to grab your own stars!





Good luck and enjoy your journey as being a part of the family. All the best in your studies and stay safe throughout the pandemic!

It is such a great experience to be part of the family. I took this opportunity to enhance my social skills and learn how to take responsibility. For the future fams, all the best and enjoy!





Cherish those around you. The biggest pain is not a broken nose or a broken leg but it is when the people you share your memory the most slowly become the memories.

ELITE THE IEM-SAFE UNIMAS STUDENT SECTION

9TH GENERATION



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