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THE DEAN'S MESSAGE

Welcome to Issue 1/January-June 2021 of the FSG e-Bulletin.

The COVID-19 pandemic continues ravaging the world. We have gone through different phases in dealing with the pandemic and embracing the new norms. While some of us may have been badly affected, let us not put ourselves in fear. We should put our energy on thriving and taking advantage of the positive outcomes from this adversity.



The pandemic has accelerated our acceptance to new technology solutions, which provide virtual experience in teaching and learning. Despite the limitations on travel and social events, fostering new partnerships has never been easier. We gain new strengths and strategies to overcome endless challenges and accomplish outstanding achievements. Most importantly, our nature has time to heal in response to the lack of human activities due to the pandemic, and for that, we should all be grateful. As academics, besides focusing on our own survival, let us give back to our society. Provide innovative ideas and initiatives so that our community will get through this challenging times and will emerge stronger.

Be well and stay safe.

Professor Dr Farida Zuraina Mohd Yusof
Dean
Faculty of Applied Sciences
Universiti Teknologi MARA



A SPECIAL MESSAGE FROM THE ADVISOR



Hello FSG!

We are thrilled to present you the latest FSG e-Bulletin, January-June 2021 edition. Firstly, I would like to thank Professor Dr Farida Zuraina Mohd Yusof and the top management of the faculty for their support, input, and guidance.

I would like to express my gratitude to the Editorial Team headed by Ts. Dr Judith Gisip for their commitments and hard work to publish this e-Bulletin. This edition would have been impossible to be completed without these hardworking committees. Not to forget, students and staff who have voluntarily contributed their articles.

The FSG Corporate Communications Unit has always been committed to ensure that every activity, triumph, and success story achieved by faculty members are widely publicized. We also constantly encourage academic and administrative staff to actively engage with the community and media, aiming at increasing the visibility of the faculty.

The next edition (July- December 2021) will be published early next year and we would like to encourage more staff and students to contribute articles and share their achievements.

Thank you!

ChM. Dr Shahrul Nizam Ahmad

CHIEF EDITOR'S NOTE



Welcome to the first issue of 2021 of the FSG e-Bulletin.

FSG e-Bulletin highlights the outstanding achievements and activities of the Faculty of Applied Sciences. Both staff and students have been actively engaging and contributing to the society despite the ongoing COVID-19 pandemic.

You may find an interesting read on how to thrive in research in an interview with Professor Ts. Dr Mohd Nazip Suratman, the Deputy Vice-Chancellor (Research & Innovation) UiTM. Quench your reading thirst with two featured articles on Malaysia's vaccination journey and the challenges when working from home in the new norms.

I would like to thank the faculty's top management, staff and students for the on-going support, and the talented and creative Editorial Team, whose contributions are invaluable to the FSG e-Bulletin. Lastly, I welcome any feedback and suggestions, as we continue to aspire to bring you the best of FSG.

I hope you enjoy reading this issue as much as I did.

Ts. Dr Judith Gisip

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FSG E-BULLETIN

FSG e-Bulletin is a bi-annual publication showcasing the outstanding innovations and achievements of the Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam, Selangor

Thriving in Research during Pandemic

An Interview with Professor Ts. Dr Mohd Nazip Suratman, Deputy Vice-Chancellor (Research and Innovation), Universiti Teknologi MARA

Interview by Dr Norashirene Mohamad Jamil

Professor Ts. Dr Mohd Nazip Suratman is a Professor of Forestry at the Faculty of Applied Sciences, UiTM Shah Alam, Selangor. His research interests include the use of satellite remote sensing for forest resource management. He holds a Bachelor of Science in Forestry from Universiti Pertanian Malaysia (UPM) and a Master of Science in Forestry from the University of Nebraska-Lincoln (UNL) in the United States of America. In 1998, he was awarded a Canadian Commonwealth Fellowship Program Scholarship to pursue his PhD studies at University of British Columbia (UBC), Vancouver, Canada. Throughout his academic career, he has been recognised as Universiti Teknologi MARA's Best Researcher in the Science, Technology, and Medical cluster, most recently in 2015. He served as Rector of UiTM Pahang campus from 2017 to 2018 and later was appointed Deputy Vice-Chancellor (Research & Innovation) of Universiti Teknologi MARA. He has also contributed to developing several national strategic plan documents, including the Ministry of Higher Education's National Higher Education Strategic Plan, Innovative Human Capital, National Forestry Education, and a national blueprint for the Central Forest Spine (CFS).



In this virtual interview, Prof Nazip discussed on thriving in research in the wake of a global pandemic. He also shared the university's and research community's response to the ongoing challenges and disruptions. In addition, several key characteristics and the roles of creativity and innovation in research were explored. Prof Nazip noted that despite the COVID-19 pandemic's challenges, it also demonstrates the value of research and how it has heightened the urgency for collaborative efforts and knowledge sharing.



Dr Norashirene: The COVID-19 pandemic's disruption may influence the progress and momentum of ongoing research projects. What can universities offer in terms of resolving issues and assisting researchers?

Prof Nazip: We are cognizant of the researchers' needs and the critical challenges they face. We share and express the same concern during this unprecedented period by providing any assistance necessary to ensure that the research project can continue. Extending the deadlines for reports and deliverables is one of the first steps. The period of extension was granted twice due to the current restrictions imposed by this pandemic. We hope that with the extension and remaining duration available to the researchers, the principal investigators can carefully plan which research objectives can be accomplished, despite the travel and social constraints. Certain modifications or adjustments to the research objectives may also be made, depending on the field, as long as they continue to address the project's research questions. We recognise that some research projects (such as biological science, biochemistry, and chemical engineering) are time-sensitive, heavily reliant on equipment, and subject to biosafety regulations that require physical laboratory presence. As a result, as long as established standard operating procedures are followed, the researchers or postgraduate students are granted access to the laboratory under specified guidelines.

"Researchers must adapt to their circumstances and devise alternative methodologies to accomplish their research objectives"

Dr Norashirene: Perhaps due to the pandemic crisis, researchers are more aware that there is never a straight line in conducting research, and unexpected challenges may arise along the way. What are the key characteristics that researchers should have in times of crisis?

Prof Nazip: I believe that researchers must adapt to their circumstances and devise alternative methodologies to accomplish their research objectives. With today's network technology, the sky is the limit in terms of bridging communications. For instance, social studies interviews can still be conducted via a variety of online platforms. However, there may be a bias (in sampling) because some respondents from rural areas may lack access to the internet. These disadvantages should not be overlooked. While it is critical to ensure that research advances, we must not jeopardise scientific research methodology. Additionally, researchers should be opportunistic and take advantage of this time to establish international research collaborations and re-connect with former supervisors or colleagues. Perhaps this is an excellent time to collaborate on a grant application or co-write a paper for publication. Similarly, researchers must be resilient and creative in order to thrive during this trying times. It can be as straightforward as broadening or deepening your understanding of your research subject through reading various types of literature and writing a review paper in your area of expertise. A well-written review article published in a reputable journal can result in new and valuable insights and frequently receives a high number of citations.

Dr Norashirene: The pandemic may have caused some impacts on the funding landscape for research. What is your comment on this matter?

Prof Nazip: Without a doubt, funding is a critical component of research. As has been the case with the university, major international and private research funders are also impacted, and as a result, some allocated funding may have been suspended as a necessary consequence of the pandemic crisis. Nonetheless, we can assure you that, while research funding may decrease in the future, it will always be available. One of the key initiatives in the UiTM 2025 Strategic Plan to become a globally renowned university is to encourage and support Early Career Researchers (ECRs) in establishing their career path. As a result, numerous grants with varying schemes and criteria are available, including the Young Talent Research Grant (YTR), the *Geran Penyelidikan MyRA* (GPM), and the *Geran Insentif Penyelidikan* (GIP). Additionally, the Lestari SDG@Triangle 2.0 Research Grant is being offered in support of the United Nations' Sustainable Development Goals (SDGs) initiative. The pandemic has demonstrated the critical nature of research and the urgency with which we must address the SDGs. As a result, I believe it is critical that we seize this opportunity to design research projects that are complementary to these global goals.

Dr Norashirene: While the pandemic may have limited the research study to the essential ones or may have halted many laboratories and field works, there must be some positive outcomes. What are your opinions on this?

Prof Nazip: There is no doubt that the race to understand and combat the coronavirus has accelerated research output and fostered unprecedented global collaboration. Despite these constraints and obstacles, the pandemic has facilitated scientific communication. The magnitude of communication technology advancement has increased. With the continuous enhancement of functions and features on various web conferencing and video conferencing platforms, meetings, conferences, examinations, and even viva voce can take place at any time and from any location. When conducted effectively, I see no apparent disadvantages to virtual meetings versus in-person meetings. Perhaps this practice should be maintained post-pandemic, as it has been both time and cost effective. This, I believe, is a blessing in disguise, and when properly utilised, it can be a highly effective mode of communication.



Prof Nazip conducting field research with his collaborators, Dr Vivek Venkataraman (in the middle) from Harvard University and Dr Thomas Kraft from University of California, Santa Barbara.

HOPE IS ON ITS WAY: COVID-19 VACCINATION IN MALAYSIA

by Dr Mohd Shafiq Aazmi

Malaysia has moved into the second year of living with COVID-19 with total cases surpassing 800,000 and more than 6,000 fatalities. These are not just numbers but people, each with a life story that means a world to someone, very dearly missed and a great loss. To halt the spread of the virus, public health and social measures have been put in place since the first case of COVID-19 was detected in January last year. Into the second year of the pandemic, Malaysians have generally shown solidarity in practising the standard operating procedures (SOP) for COVID-19. Wearing masks, physical distancing and frequent hand washing are now the new norms for us. As we move into the third quarter of this year, there is greater hope with the emergence of additional tools — vaccines — to fight the virus.

The hope came on Feb 16 when the COVID-19 National Immunisation Programme Handbook was announced by the prime minister. The handbook, published by the COVID-19 Vaccine Supply Access Guarantee Special Committee (JKJAV), offered key information on the COVID-19 immunisation strategy in Malaysia. Six vaccines are being offered: AstraZeneca, Pfizer-BioNTech, Sinovac, CanSino Biologics, Johnson & Johnson and Sputnik V. These vaccines are our hope and "Power Rangers" to achieve herd immunity against COVID-19. AstraZeneca, CanSino Biologics, Johnson & Johnson and Sputnik V are viral vector vaccines. While Pfizer-BioNTech is a messenger RNA vaccine, Sinovac is an inactivated vaccine type.

With 530 locations of vaccine administration centres nationwide, the government aims for at least 80 percent of the adult population to be vaccinated by February next year. Out of 17.7 million Malaysians who have registered to be vaccinated, 7.6 million have received the first dose up to 11 July. To enhance awareness and participation, social media platforms and mobile applications have been used to disseminate verified COVID-19-related information. The third quarter of this year will be the most crucial period which determines the success of the immunisation programme. It is time for all Malaysians to continue to show solidarity in fighting the COVID-19 pandemic. However, bear in mind that COVID-19 vaccines are not a "silver bullet". We need to continue adhering to the SOP. Continuous collaborative and comprehensive public health measures are warranted to combat the rapid genetic evolution of COVID-19.

Let us stay positive and keep up the attitude of "*Kita Jaga Kita*". Yes, hope is on its way!

Working from Home in the New Norms

by Ts. Azrena Abd Karim

The implementation of Work From Home (WFH) concept by the government and private sectors since the Movement Control Order (MCO) last year has provided a new experience for most office-based employees across the country including those in the universities.

Although at first, it took us some time to adjust, it is now increasingly being accepted by many as tasks can be completed by staff who work from home. Based on general observations, the WFH policy does not negatively affect the productivity of the staff, and the administration can still run smoothly even if we are not physically present in the office.

Working from home is more than just having a laptop and doing things online. The challenge of most staff working from home is to maintain the rhythm of the norms associated with traditional work practices. This challenge could disrupt the productivity and quality of work if not managed properly.

For working from home to be sustainable, the organisation needs to create some boundaries to make sure that the mental health of the staff is being protected. For instance, when a minor decision is to be made, it can be taken care of with a quick phone call instead of a video conference. It also helps to set "office hours" for staff, share tips on how to track time so that work is not extended beyond the normal office hours, and announce that there is no expectation that emails will be answered after a certain hour.

At the same time, the lack of office equipment facilities such as computers, and the disruption of internet facilities that fail to function properly may disrupt the momentum of doing work. For academic staff, the main challenge is related to teaching evaluation. Lecturers need to be creative in finding the most suitable method to assess their students online such as in written tests which usually require physical presence in lecture halls.

In addition, teaching and learning sessions can also be disrupted as there are some facilities that are easily accessible from within the university area itself compared to off campus. However, it is not an obstacle for lecturers to use skills and technology in ensuring that learning and teaching can continue in the best way possible.

Internet facilities for students and staff should also be given priority for the process of teaching and learning to be effective. Special broadband network facilities for tasks that require staff to access the system are also very helpful especially in locations without adequate broadband network coverage.

Of course, this new work norm has its certain advantages and disadvantages, but if the experience of its implementation during the MCO is taken into account, the operation of the office that implements the work from home system can be run well and smoothly. In fact, it could be better than working from the office.

Among the advantages of working from home to staff is that they can pay full attention to the task given without having to think about wasting time facing traffic jams. They also no longer have to pay the cost for petrol or tolls every time they go to work. It is no exaggeration to say that the problem of traffic congestion that plagues city dwellers as well as residents of major cities will be overcome when the number of those who go out to the office to work can be reduced.

For employers, by implementing the new norms of working from home, they will no longer need to provide large office space, and the utility costs such as electricity bills, telephone, and water can be reduced.

However, two important questions remain. Should the new norms of working from home continue even after the COVID-19 pandemic ends? What will be the impact on staff and universities if WFH remains in the future?

Even so, this new norm of working from home needs to be scrutinized in depth before being implemented permanently in the system. Among them are matters involving aspects of digital technology support, information security, suitability of implementation to certain services as well as the legal implications.

The most important is the question of productivity which of course there is no compromise on it because it is useless for an employer to allow their staff to do the given task at home, but the productivity results are disappointing.

Most importantly, WFH must truly fulfill the real purpose of its implementation and provide benefits to both staff and universities.

"Organisation needs to create some boundaries to make sure that the mental health of the staff is being protected"

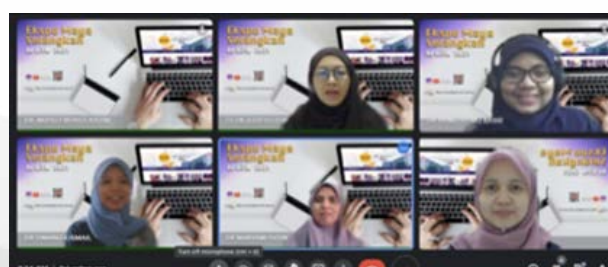
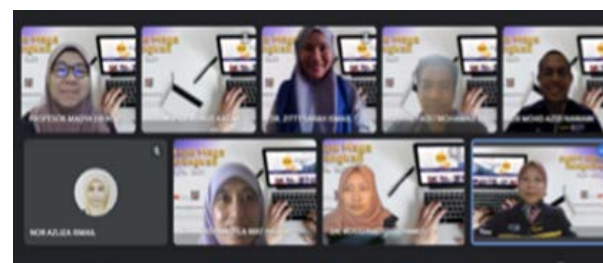
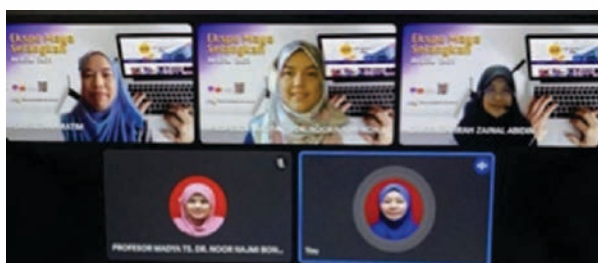
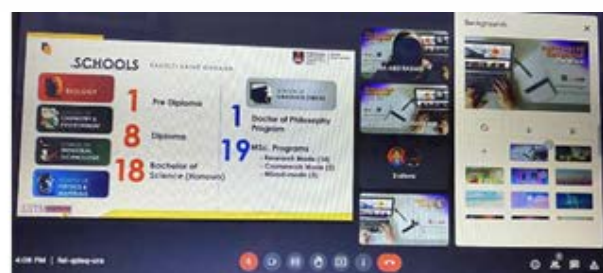


ONE STEP TO UiTM 2021 VIRTUAL EXPO



The Faculty of Applied Sciences (FSG) took part in the first "One Step to UiTM 2021 Virtual Expo ", which was held on the 13-14 June 2021 from 8.30 am–5.00 pm. All four FSG departments were involved in the programme under the theme “*Jom Masuk Fakulti Sains Gunaan*”. The event was officiated by YBhg Professor Ts. Dr Hajah Roziah Mohd Janor, Deputy Vice Chancellor (Academic and International) of UiTM.

Through this online open day event, potential candidates were offered virtual counselling regarding the admission processes and future study plans including information on 14 Bachelor Programs offered in FSG UiTM Shah Alam. The event received overwhelming responses from the public, which was conducted via Google Meet and Facebook Live platforms. With the aim to increase UiTM’s global visibility, the virtual event provided an opportunity for UiTM to attract prospective students to join this great university.



Improving Teaching and Learning

via VIRTUAL WORKSHOPS ON MOOC DURING THE COVID-19 PANDEMIC

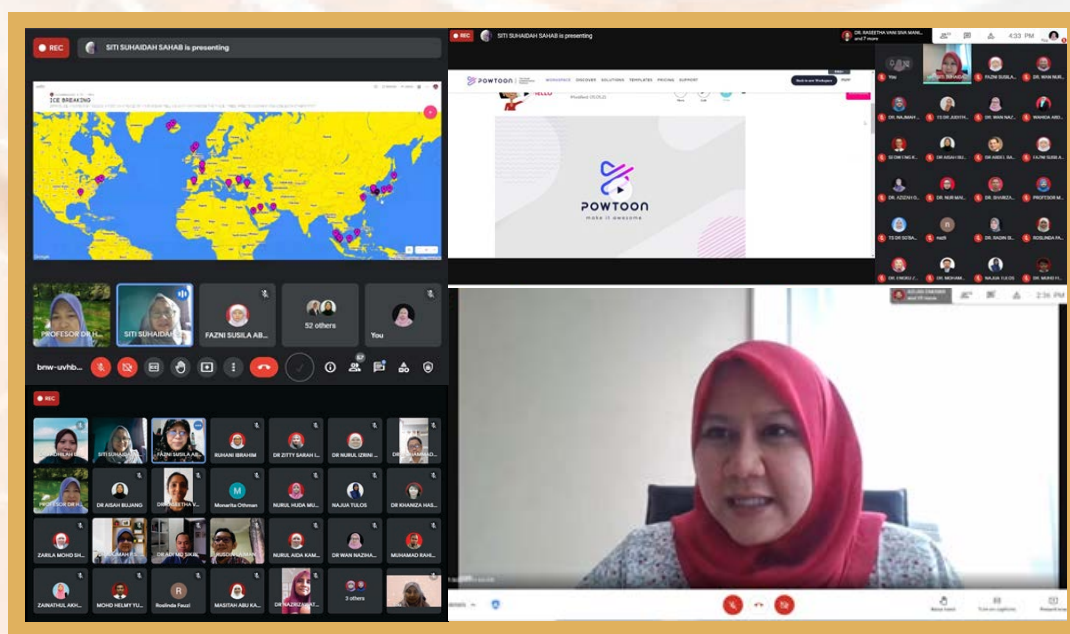
The COVID-19 pandemic has caused big changes in our education system and teaching delivery, leading to a demand for everyone to learn new and innovative teaching skills. E-learning is not without its complications. Some of the challenges of online teaching are passive students, lack of interactions and motivations. The best solution is to offer interactive, fun, and engaging courses via various creative online tools. With the aim to overcome these challenges, FSG MOOC committee led by ChM. Dr Najmah P.S Hassan, and assisted by Ts. Dr Norazura Ibrahim and ChM. Fazni Susila Abdul Ghani, conducted several virtual workshops to provide valuable insights into e-learning development for FSG MOOC developers in particular and lecturers in general. The workshops are as follows:

Workshop 1: Introduction to UFUTURE MOOC (31 March 2021)

Workshop 2: Creating Animated Videos Using Powerpoint & Powtoon (5 May 2021)

Workshop 3: Adding Fun to Your MOOC (23 June 2021)

The objectives of these workshops are to improve productivity and enhance the quality of e-learning courses. The invited speaker, Mrs Siti Suhaidah Sahab from the Advanced Learning Division, Institute of Continuing Education & Professional Studies (iCEPS) shared information on some technology integration ideas to enhance virtual classroom lessons. She also spoke about ideas on creating professional-look, visually appealing, easy-to-use activities and highly interactive class tools to grab learner's attention. The sessions involved interactions through many questions and answers to mobilise and brainstorm the pertinent points among participants. The expected outputs of the workshops were to take advantage of the flexibility of various available tools that better suit modern learners.



OPEN AND DISTANCE LEARNING (ODL) ACTIVITIES

Training Series and Webinars on Open and Distance Learning Faculty of Applied Sciences 2021

NO.	TOPIC	INVITED SPEAKER	DATE/TIME
1	REDESIGNING CURRICULUM TOWARDS IR4.0 & BEYOND	Ts. DR WAN AIDA WAN YAHAYA CURRICULUM AFFAIRS UNIT OFFICE OF DEPUTY VICE CHANCELLOR (ACADEMIC & INTERNATIONAL), UiTM	31 MARCH 2021 10 AM-12 PM
2	CREATING ANIMATED VIDEOS USING POWERPOINT & POWTOON	SITI SUHAIDAH BINTI SAHAB HEAD OF UNIT INSTITUTE OF CONTINUING EDUCATION & PROFESSIONAL STUDIES (ICEPS), UiTM	5 MAY 2021 2.30-4.30 PM
3	ADDING FUN TO YOUR MOOC	SITI SUHAIDAH BINTI SAHAB HEAD OF UNIT INSTITUTE OF CONTINUING EDUCATION & PROFESSIONAL STUDIES (ICEPS), UiTM	23 JUNE 2021 2.30-4.30 PM

**CREATING ANIMATED VIDEOS
USING POWERPOINT & POWTOON**

5 MEI 2021
2.30-4.30PM

**Pn. SITI SUHAIDAH SAHAB
ICEPS**

**Redesigning Curriculum Towards
IR4.0 & Beyond**

31 March 2021
Wednesday
10.00 AM - 12.00 PM

<http://tiny.cc/curriculumwebinar>

Ts Dr Wan Aida Wan Yahaya
Unit Hal Ehwal Kurikulum
Pejabat Timbalan Naib Canselor
(Akademik dan Antarabangsa)
Universiti Teknologi MARA

UTM *Unit Pendidikan*
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Faculty of Applied Sciences, UiTM Shah Alam

fsg.uitm
Fakulti Sains Gunung UiTM Shah Alam
FSG, UiTM
Faculty of Applied Sciences (FSG)

**ADDING
FUN TO
YOUR
MOOC**

Wednesday, 23 June 2021
2.30pm - 4.30pm

**Pn Siti Suhaidah Binti Sahab
ICEPS**

**MAKE LEARNING FUN FOR
EVERYONE IN THE CLASS!**

VISITING PROFESSORS



Congratulations to Associate Professor Datin Dr Arnis Asmat on being appointed as a Visiting Professor at the Faculty of Geosciences and Environmental Engineering, Southwest Jiaotong University, China from 1 May 2021 until 30 April 2022.

Congratulations to Associate Professor Dr Zainiharyati Mohd Zain on being appointed as a Visiting Professor at the Institut Teknologi Sepuluh Nopember (ITS), Indonesia on 15 April 2021.



POST-DOCTORAL SCHOLARSHIP



Congratulations to Dr Khairil Anuar Jantan on receiving Malaysian Government Sponsored Student (Postdoctoral). He will be pursuing his postdoctoral studies at Imperial College London, United Kingdom, in the field of Sustainable Catalysis from 1 December 2021 until 30 November 2023.

GUEST LECTURERS UiTM 2021



Professor Dr Norizan Ahmat was a guest lecturer in the "Fundamental and Applied Chemistry Course Series (FACCS)" organised by Universitas Negeri Semarang, Indonesia on 14 June 2021. The virtual lecture entitled "Organic Chemistry - Carboxylic Acids and Derivatives".

Dr Hamizah Mohd Zaki had been appointed as a guest lecturer in the Department of Materials and Metallurgical Engineering Lecture Series, Faculty of Industrial Technology and Systems Engineering, ITS, Surabaya Indonesia, on 25 June 2021. The theme of the virtual talk was "The Root of Surface Engineering", under Heat Treatment and Surface Engineering course.



Dr Wan Razarinah Wan Abdul Razak presented a virtual guest lecture on 2 June 2021, entitled "Antimicrobial Activity of in vitro *Melastoma decemfidum* Plant Extract & Determination of Partial Chalcone Synthase Gene". The event was a collaboration between UiTM and Sepuluh Nopember Institute of Technology (ITS), Indonesia.

GUEST LECTURERS UiTM 2021

Associate Professor Dr Asmida Ismail was invited as a guest lecturer in a virtual event organised by Sepuluh Nopember Institute of Technology (ITS) on 15 June 2021. The theme of the talk was "Competition, Predation & Mutualism".

Guest Lecture
Competition, Predation & Mutualism

June 15th 2021 | Tuesday
3 pm - 4 pm (Indonesia)
4 pm - 5 pm (Malaysia)

Speaker
Dr. Asmida Ismail
Associate Professor
Faculty of Applied Sciences
Universiti Teknologi MARA

Moderator
Noor Nailis Sa'adah, M.Si
Lecturer of Biology Department
Faculty of Science and Data Analytics
Institut Teknologi Sepuluh Nopember

Supported by : ITS Global Engagement, ITS, AgriFoTech, 15+

FGD-6:
UPDATING KURIKULUM INTERNASIONAL BIDANG KIMIA

JUMAT, 20 NOVEMBER 2020
08.30 - 12.00

OPENING REMARKS
Prof. Dr. Kerista Sebayang, M.S.
Dekan FMIPA USU

NARASUMBER
Prof. Dr. Ab Malik Marwan Ali
Universiti Teknologi MARA, Malaysia
Prof. Dr. Norizan Ahmat
School of Chemistry & Environment
Faculty of Applied Sciences
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2. Dr. Nursahara Pasaribu, M.Sc.
(Wakil Dekan 1 FMIPA USU)
3. Sefrinus M.D Kolo, S.Si, M.Si
(Kaprodi Kimia Unimor, Kefa NTT)
4. Dr. Andriyanti, M.Si
(Sekretaris Magister Kimia FMIPA USU)
5. Barita Arifonang, S.Si, M.Si
(Ketua Prodi Kimia USM)
6. Dr. Vivi Purwandari, M.Si
(Dosen Prodi Kimia FMIPA USU)
7. Dr. Uisna Simatupang, M.Si
(Dosen Prodi Kimia FMIPA Unimed)

Link Registrasi: <https://bit.ly/pendaftaranfgd6-20Nov2020>

INFORMASI
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081260327495 Crystina Simanjuntak, M.Si
081342595968 Fajar Hutagalung, S.Si

Professor Dr Ab Malik Marwan Ali and Professor Dr Norizan Ahmat were appointed as speakers in a virtual event "FGD-6: Updating Kurikulum Internasional Bidang Kimia" on 20 November 2020. The event was organised by Fakultas Matematika dan Ilmu Pengetahuan Alam (FMIPA), Universitas Sumatera Utara (USU), Indonesia.

INVITED SPEAKERS



**DEWAN PIMPINAN PUSAT
PERHIMPUNAN PAKAR GIZI DAN PANGAN (PERGIZI PANGAN) INDONESIA
FOOD AND NUTRITION SOCIETY OF INDONESIA**
Sekretariat : d.a Lantai 3, Departemen Gizi Masyarakat, FMM, Kampus IPB Darmaga, Bogor.
Telp/Fax (0271) 803700, Web: www.perpangan.org, Email: info@perpangan.org
Twitter: @PERGIZI, FB: [facebook.com/PERGIZI](https://www.facebook.com/PERGIZI)

17 April 2021

No: 189/PERGIZI/2020
Ref: Invitation to 5th Workshop of Southeast Asia Probiotics Scientific and Regulatory Experts Network (SEA PROBIOTICS SREN)

TO:
Assoc. Prof. Dr. Khalilah Abd Khalil
Vice President, Malaysian Society of Microbiology

Dear Dr. Khalilah,
The Southeast Asia Probiotics Scientific and Regulatory Experts Network (SEA PROBIOTICS SREN) was established in the 1st Workshop on 16 December 2019 in Jakarta, Indonesia by scientific experts, regulatory and regulatory affairs professional industry leaders from five countries in Southeast Asia (Indonesia, Malaysia, Singapore, Thailand and Vietnam) and at the 3rd workshop (30 July 2020), Philippines joined this network. After the inaugural meeting, 4 workshops have subsequently been held, participated by the afore-mentioned stakeholders. Much has been discussed and achieved in the areas of scientific and regulatory aspects of probiotics, especially on matters related to existing regulations, data on clinical studies and consumer understanding and use of probiotics.

At the 4th meeting, held virtually on 17 December 2020, all stakeholders agreed to continue to deliberate on the scientific and regulatory aspects of probiotics, towards the objectives of the Network, especially the three main work areas identified in previous workshop. It is decided that the 5th workshop of SEA PROBIOTICS SREN will be held on:

- Date: Thursday, 6 May 2021
- Time: 08.00 a.m – 05.00 p.m Jakarta time (with break times)
- Venue: Virtual link http://bit.ly/SEA_PROBIOTICS_WORKSHOP
Meeting id: 854 4323 0101
Password: SREN5th
- Agenda: please refer to Term of Reference in the attachment (Appendix 1)

CERTIFICATE
This Certificate is Honorably Presented to

Assoc Prof Dr Khalilah Abd Khalil
as **SPEAKER**

IN THE 5TH WORKSHOP ON HARMONIZATION OF PROBIOTIC REGULATIONS IN SEA COUNTRIES AND UPDATE ON PROBIOTICS CLINICAL TRIALS
Organized by Food and Nutrition Society of Indonesia (PERGIZI PANGAN Indonesia) and Southeast Asia Probiotics Scientific and Regulatory Expert Network (SEA PROBIOTICS SREN)
Bogor, Indonesia, 6 May 2021

President,
Food and Nutrition Society of Indonesia

Prof Dr Hardiansyah MS

Secretary General,
Food and Nutrition Society of Indonesia

Prof Dr Ahmad Sulaeman MS

Sponsored by:
Supported by:

Associate Professor Dr Khalilah Abd Khalil was invited as a speaker at the "5th Workshop on Harmonization of Probiotic Regulations in SEA Countries and Update on Probiotics Clinical Trials" on 6 May 2021. The workshop was organised by the Food and Nutrition Society of Indonesia (PERGIZI PANGAN Indonesia), and Southeast Asia Probiotics Scientific and Regulatory Expert Network (SEA PROBIOTICS SREN), Bogor, Indonesia.

INVITED SPEAKERS



Dr Siti Khairiyah Mohd Hatta was invited as a speaker in "In-Situ & Ex-Situ Conservation Talk Session" on 23 November 2020. The virtual event was organised by Fakulti Sains Bumi, Universiti Malaysia Kelantan.

Associate Professor Ts. Dr Zeti Shahrizat was invited as a speaker in a virtual event - "Sembang Angkasa - Matahari & Kesannya kepada Bumi" on 5 April 2021. The event was part of "Minggu Sains Negara - Sains untuk Kesihatan" programme, which was organised by the Ministry of Science, Technology and Innovation (MOSTI), Malaysia.



ChM. Dr Shahrul Nizam Ahmad was invited as a guest speaker in a virtual event - "Chemistry-The Savior of Mankind" on 6 April 2021. The event was part of "Minggu Sains Negara" programme, which was organised by the Ministry of Science, Technology and Innovation (MOSTI), Malaysia.

TRAINING OF TRAINERS ON *textile engineering and textile technology*

Researchers from the Faculty of Applied Sciences (FSG) were involved in a series of Training of Trainers (ToT) on 'Modernisation of Curriculum of Textile Engineering and Textile Technology in Asian Countries'.

ToT Series 1: 11-18 January 2021

ToT Series 2: 22-25 February 2021

ToT Series 3: 30 August-2 September 2021

The training involved researchers who secured the ERASMUS+ grant last year under the SMARTEX programme. They were involved along with all the partner universities from Greece, Spain, Belgium, Indonesia, and Pakistan.

The members who attended the training were:

1. Professor Ts. Dr Mohd Rozi Ahmad (Project Manager)
2. Associate Professor Ts. Dr Mohamad Faizul Yahya
3. Ts. Dr Nor Dalila Nor Affandi
4. Dr Atiyyah Musa
5. Ts. Dr Wan Syazehan Ruznan



GRANTS & CONSULTATION PROJECT



Congratulations to Ts. Dr Ismaniza Ismail, with team members from the Faculty of Health Sciences on receiving provisions to carry out the "Kajian Profil dan Pembangunan Garis Panduan Pengurusan Kesihatan Mental Pekerjaan di Tempat Kerja" valued at RM250000 from the Department of Occupational Safety and Health, Ministry of Human Resources.

Congratulations to Dr Nur Nadiah Md Yusof (leader) with team members, Associate Professor Dr Asmida Ismail, Dr Faezah Pardi and Dr Siti Khairiyah Hatta on receiving consultancy project entitled "Preparation of Guidelines on Wildlife Cultivation" valued at RM93969 from the Department of Wildlife and National Parks (Perhilitan) Peninsular Malaysia.



Congratulations to Ts. Dr Rosdiana Hasham@Hisam (leader) with team members from UPSI, UTM and USM on receiving the UTM-UiTM Strategic Research Partnership Grant for a project entitled "Improvement of Bioactivity and Mechanical Properties of Zirconium Mesoporous Borosilicate Bioactive Glass/PCL/PLA Scaffolds" with the amount of RM80000.



RESEARCH GROUPS ACHIEVEMENT



Congratulations to "Molecular Microbial Pathogenicity Research Group" led by Professor Dr Mohd Faiz Foong Abdullah on successfully earning the status as UiTM's Excellence Entity (EK) after being upgraded from a Research Initiative Group (RIG) to Research Group (RG) effective 16 February 2021.



Congratulations to "Electrochemical Materials & Sensors Research Group (EMaS)" led by Associate Professor Dr Zainiharyati Mohd Zain on successfully earning the status as UiTM's Excellence Entity (EK) after being upgraded from a Research Initiative Group (RIG) to Research Group (RG) effective 16 February 2021.

RESEARCH GROUPS ACHIEVEMENT



Congratulations to Effective Microorganism, Molecular Microbial Pathogenicity, Electroactive Materials, Textile, and Ultrasonic of Novel Metals and Oxides research groups on receiving a 5-Star EK Rating Year 2019.

GRANTS RECIPIENTS



Congratulations to the Coordination Chemistry Group (CCG) from Faculty of Applied Sciences UiTM for securing a PhosAgro/UNESCO/IUPAC Research Grant in Green Chemistry for Young Scientists with a project entitled "Green and Economical Synthesis of Pd- and Ni-based Catalysts by Atmospheric Atomic Layer Deposition" in the amount of RM124680.



GRANTS RECIPIENTS



Tahniah

DR. ZAKIAH MOHAMED

PENERIMA GERAN PENYELIDIKAN GLOBAL RESEARCH REPUTATION (GRR)

TITLE:
A MECHANISM OF MAGNETIC PHASE TRANSITIONS BETWEEN ANTIFERROMAGNETIC AND PARAMAGNETIC STATES INDUCED BY ZINC-DOPED AT TRANSITION-METAL SITES LITHIUM PHOSPHATE BATTERIES.

IN COLLABORATION WITH UNIVERSITY OF SYDNEY

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[Fakulti of Applied Sciences, UTM Shah Alam](#)

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[Faculty of Applied Sciences \(FAS\)](#)



Tahniah

21 PENERIMA GERAN PENYELIDIKAN MyRA 2020

JUMLAH KESELURUHAN: RM 420,000

21 recipients are shown in circular portraits arranged in two rows: 11 in the top row and 10 in the bottom row.

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[Faculty of Applied Sciences \(FAS\)](#)

GRANTS RECIPIENTS

Tahniah

2 PENERIMA GERAN PENYELIDIKAN STRATEGIC RESEARCH PARTNERSHIP (SRP)



DR. FAEZAH BT BUYONG

TITLE:
ENHANCEMENT OF METHANE PRODUCTION FROM ANAEROBIC CODigestION OF MWK SLUDGE AND FOOD WASTE

INDAH WATER KONSORTIUM SDN. BHD



DR. KHAIRUL ADZFA BIN RADZUN

TITLE:
OPTIMIZATION, DEVELOPMENT AND USER ACCEPTANCE TEST OF WAY-GY CHLORELLA-HONEYMILKME SYSTEM BOOSTER COOKIES

NORAINI COOKIES WORLDWIDE SDN BHD


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Tahniah

39 PENERIMA GERAN PENYELIDIKAN KHAS 2020

JUMLAH KESELURUHAN: RM 780,000


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PENERIMA GERAN PENYELIDIKAN KHAS 2020

DR MOHD HUSAIRI BIN FADZILAH SUHAIMI
THE ENHANCEMENT OF SURFACE CONDUCTING NOVEL CRYSTALLINE ZINC OXIDE NANOSTRUCTURES DOPED WITH NIOBIUM ON Si NANOPOROUS

DR FATIMAH BINTI SALIM
MOLECULAR DOCKING SIMULATIONS OF GLUTAMATE-LIKE COMPONENTS FROM PYCNARRHENA CALIFLORA ON UMAMI TASSIRI-1 AND TASSIRI-3-G-PROTEIN COUPLED RECEPTORS

DR FARIZAN BINTI ARIS
CYTOTOXICITY EFFECTS OF GREEN SYNTHESIZED IRON OXIDE NANOPARTICLES ON BREAST CANCER CELL LINES

DR MOHAMMAD ZAREI
OPTIMIZATION, CHARACTERIZATION AND IDENTIFICATION OF ANTIOXIDATIVE PEPTIDES GENERATED FROM MUNG BEAN SPROUT PROTEINS

ASSOC PROF DR AISAH BT BUJANG
EFFECT OF MACRONUTRIENTS COMPOSITION ON GLYCAEMIC INDEX OF A FOOD MODEL SYSTEM

PUAN ERNE EILEEN BINTI RIZLAN ROSS
VALORIZING LOCAL AGRICULTURAL WASTE INTO HIGH-VALUE BIOPOLYMER BY CELLULOSE PRODUCING PHA ACCUMULATING BACTERIA


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PENERIMA GERAN PENYELIDIKAN KHAS 2020

PUAN ROSLINDA BINTI FAUZI
SYNTHESIS OF NOVEL AL₂O₃/PAA-DES NANOFILM TO ENHANCE THERMAL CONDUCTIVITY AND SPECIFIC HEAT CAPACITY IN THERMAL ENERGY STORAGE

DR SITI KHAIRIYAH BINTI MOHD HATTA
THE BIOVERSITY VALUE OF A TRUE EPiphyte FICUS DELTOIDEA IN MALAYSIAN OIL PALM AGROECOSYSTEMS

DR SITI NURBAYA BINTI SUPARDAN
PHOTOCATALYTIC ACTIVITY OF CR-DOPED TiO₂/PVA NANOPARTICLES SOL-GEL AND ELECTROSPINNING TECHNIQUES

PUAN NURZULFA SHAHEERA ERNE
BINTI MOHD YASM
ESTABLISHING LOCALISED CONSTANT (K) OF METHANE GENERATION RATE

DR MOHD AZRI BIN AB RANI
STRUCTURAL PROPERTIES OF IONIC LIQUID POLYMER ELECTROLYTES

DR SITI NUR LIYANA BINTI MAMALUD
SYNERGETIC EFFECT OF HYBRID FILLER USING PALM KERNEL SHELL BIOFILLER IN CARBON BLACK-CARBONYLATED NITRILE BUTADIENE RUBBER/STYRENE RECLAIMED RUBBER BLEND

DR RASEETHA VANI A/P SIVA MANKAM
HEAT TREATED MALAYSIAN MUSHROOMS: RELATIONSHIP BETWEEN BIOACTIVE FACTORS, HEALTH PROMOTING EFFECTS AND CONSUMER PERCEPTION

DR AMALINA BINTI MOHD TALJODIN
SYNTHESIS AND CHARACTERIZATION OF HYDRAZONE METAL COMPLEXES AS ANTIMICROBIAL EFFLUX PUMP INHIBITORS

DR REENA BINTI ASO RASHID
CLASSIFICATION AND DIFFERENTIATION OF PRINTED LASER TONERS USING COMBINATION TECHNIQUES OF SPECTROSCOPIC AND CHEMOMETRIC


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PENERIMA GERAN PENYELIDIKAN KHAS 2020

ASSOC PROF MUHD FAUZI BIN SARAN
METHOD DEVELOPMENT AND VALIDATION OF MULTIRESIDUES MYCOTOXINS IN COCOA AND COCOA PRODUCTS BY HIGH RESOLUTION MASS SPECTROMETRY

PROF DR HADARAH BINTI BAHRON
SYNTHESIS, CHARACTERIZATION AND REACTIVITY OF TRANSITION METAL COMPOUNDS (TMCs) AS ADDUCTS FOR ELECTROCHEMICAL CATALYST OF HYDROGEN EVOLUTION REACTION (HER)

ASSOC PROF SABHAHANIM BINTI SALEH
EFFECTS OF CROSSLINKER ON THE SWELLING BEHAVIOR AND MECHANICAL PROPERTIES OF HEMICELLULOSE SEMI-INTERPENETRATING POLYMER NETWORK (IPN) NANOCOMPOSITE HYDROGEL FILM

ASSOC PROF SHARIFAH AMINAH BT SYED MOHAMAD
GASTROINTESTINAL ADHESION AND INVASION OF FOODBORNE SALMONELLA ENTERICA

ASSOC PROF DR NOOR HANA BT HUSAIN
BACTERIOPHAGE COCKTAILS AND ENDOLYSINS AS CONTROL STRATEGIES FOR BACTERIAL PANICLE BLIGHT OF RICE IN MALAYSIA

ASSOC PROF SHAHRIFF BIN CHE IBRAHIM
THE ENHANCEMENT OF POLYHYDROXYBUTYRATE (PHB BIOPOLASTIC) SYNTHESIS BY CHLORELLA SP. VIA NUTRIENT MODULATION


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PENERIMA GERAN PENYELIDIKAN KHAS 2020

EN EZAN BINTI ELIAS
MULTIVARIATE CHEMOMETRIC DISCRIMINATION OF BALLPOINT AND GEL PEN INKS BASED ON COLORIMETRY AND SPECTROSCOPIC TECHNIQUES

DR NAZIRAZAWATI BINTI AHMAD TALJODIN
COMPARISON STUDY OF MINCOOR TERNARY LAYERED DOUBLE HYDROXIDE WITH MINCO LAYERED DOUBLE HYDROXIDE ON SUPERCAPACITOR EFFICIENCY

DR ZITTY SARAH BINTI ISMAIL
ENHANCE PRIMARY STUDENTS' PERFORMANCE BY INVESTIGATING THE IMPACT OF SURROUNDING CLASSROOM NOISE WITH BLOOD PRESSURE LEVEL AND STUDENT ACHIEVEMENT

DR NUR NADIAH BINTI MD. YUSOF
BEHAVIOUR AND METAGENOMIC APPROACHES IN ASSESSING THE WELL-BEING OF MALAYSIAN TIGERS (PANTHERA TIGRIS JACKSONI) IN CAPTIVITY

DR HAMZAH BINTI MD BASID
SYNTHESIS AND ADSORPTION STUDIES OF MICRO-MESOPOROUS SILICA MATERIALS FROM SOLID WASTE BOTTOM ASH

DR ANNE MARIA BINTI MAHAT
COMPARATIVE STUDY ON DIFFERENT OXIDIZING AGENTS OF SELF-PROPAGATING COMBUSTION (SPC) SYNTHESIZED AL₂-XHF₂O₃ MATERIALS

ASSOC PROF TA DR NOOR NAEMI BINTI BONNA
EFFECT OF DIFFERENT PRECURSOR OF HUMMERS METHOD IN SYNTHESIS GRAPHENE OXIDE USING REGENERATE CARBON BLACK FROM WASTE TYRE

DR SHARE FADU BIN MOHAMAD ZAMRI
EFFECTS OF HYDROTHERMAL MODIFIED COAL BOTTOM ASH AS FILLER IN POLYMER COMPOSITE

EN MOHAMED IZZHARIF BIN ABDUL HALIM
APPLICATION OF CHEMOMETRIC TECHNIQUES ON SPECTROSCOPIC DATA FOR THE IDENTIFICATION AND PATTERN DISTRIBUTION OF GUNSHOT RESIDUE (GSR)


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GRANTS RECIPIENTS



Congratulations to Ts. Dr Ismaniza Ismail for securing "Geran Dana Penjana KPT-CAP" with the team from Faculty of Electrical Engineering, UiTM Shah Alam with the amount of RM2132325.

PRODUCT COMMERCIALISATION



Congratulations to ChM. Dr Mohd Azri Ab Rani on the success of "Dr Azri's Perfume", a product of UiTM which is now available at Malakat Mall Cyberjaya and Malakat Mall Melaka.

AWARDS RECIPIENTS

6 Silver Awards

MTE 2021
Malaysia Technology Expo™
COVID-19 International Innovation Awards II

UiTM Delegates and their Projects:

- Ts. Dr Nurul Fariha Lokman & Team**
KENAF-SORB: POST COVID-19 WATER POLLUTION CONTROL
UiTM
- Assoc. Prof. Ts. Dr Noor Najmi Bonnia & Team**
POLYPROPYLENE FABRIC FILLED GRAPHENE OXIDE FROM REGENERATED CARBON AS VIRUS FILTER SHEET
UiTM
- Dr Sharfizie Mohd Sharip & Team**
WFH STARTER KIT
UiTM
- Wan Nur Amirah Ibrahim & Team**
READY-RX FACE SHIELD
UiTM
- Assoc. Prof. Dr Eley Suzana Kasim & Team**
NETWORKING RELATIONSHIP FRAMEWORK FOR MICRO-ENTREPRENEURS BUSINESS CONTINUITY POST COVID-19
Accounting Research Institute, UiTM
- Azlan Abdul Aziz & Team**
IMPROVE PREDICTIVE ACCURACY OF COVID-19 USING TIME SERIES ANALYSIS WITH REPEATED CROSS-VALIDATION
UiTM Perlis Branch

Unleashing Potentials Shaping the Future

<https://trncpi.uitm.edu.my/> | @trncpi_uitm | trncpi_uitm | TNCPi UiTM | #bevisible

Congratulations to Associate Professor Ts. Dr Noor Najmi Bonnia and her team on winning Silver Award at the Malaysia Technology Expo (MTE 2021), COVID-19 International Innovation Awards II. The featured product was "Polypropylene Fabric Filled Graphene Oxide from Regenerated Carbon as Virus Filter Sheet".

TABUNG PRIHATIN FSG

Everyone has been affected by the COVID-19 pandemic. Students at the Faculty of Applied Sciences (FSG) are no exception. In an effort to reduce the financial burden faced by less privileged students, FSG had launched "Tabung Prihatin Fakulti Sains Gunaan", which had collected a total of RM6300. The money was used to purchase 15 LENOVO smart tabs that were presented to 15 qualified students.



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FAKULTI SAINS GUNAAN**

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pelajar yang memerlukan
berjumlah
RM 6,300

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fsg.uitm **Fakulti Sains Gunaan UTM Shah Alam**
FSG-UITM **Faculty of Applied Sciences (FSG)**

FSG Lecturer Joined Celebration of 60th Anniversary of First Human Flight to Space

Ts. Dr Judith Gisip, senior lecturer from Faculty of Applied Sciences, UiTM was invited by the Russian Centre for Science and Culture (RCSC) in Kuala Lumpur to an event in celebration of the 60th Anniversary of the First Human Flight to Space by cosmonaut Yuri Gagarin on 12 April 1961. The event was held on 8 April 2021. The gathering started with the Director of RCSC, Ms Svetlana Kovaleva welcoming all guests to the event, followed by a welcoming speech by His Excellency Naiyl M. Latypov, the Russian Ambassador to Malaysia. A special guest who was the first Malaysian astronaut, Dato' Dr Sheikh Muszaphar Shukor Al Masrie Sheikh Mustapha delivered an inspirational speech in which he shared his unique journey to space. He stressed the importance of inspiring younger generation to be more interested in science field as envisioned by the Malaysian Space Programme.



Joining the event virtually from Russia was cosmonaut Yuri Malenchenko, who was aboard the Soyuz TMA-11 with Dr Sheikh Muszaphar Shukor that was launched to the International Space Station on 10.10.2007. The event ended with an unveiling ceremony of a mural dedicated to the First Malaysian and Russian astronauts. Conquering the outer space is a monumental effort that serves as a reminder that humankind could achieve great things for the benefits of universal peace, scientific progress and prosperity of future generations.

"Conquering the outer space is a monumental effort"

FSG Led PPE Mission for Sabah Frontliners



The programme started in October 2020 in which a total of 1200 sets of PPE were successfully produced by alumni of FSSR, UiTM Shah Alam under the Service Learning Malaysia - University for Society (SULAM) Programme. On 10 December 2020, the RMAF flew a plane carrying the PPE and safely landed at the Kota Kinabalu International Airport (KKIA2 Cargo). The Sabah State Health Department expressed their deepest gratitude to all UiTM and RMAF staff for the great assistance provided to Sabah health facilities. The synergy shown by all parties in ensuring the success of this programme has had a significant impact in overcoming the challenges posed by COVID-19 and instilling the spirit of *#kitajagakita*.

Malaysia had its first sharp increase in COVID-19 cases in October 2020. Sabah was one of the states that had been badly affected by the coronavirus and faced a health crisis due to the highest number of red zones. The frontliners were working overtime to screen, monitor and treat patients, which had caused a critical shortage of personal protective equipment (PPE) across the health facilities in Sabah.

In the spirit of volunteerism and community building which Universiti Teknologi MARA (UiTM) is known for, the Faculty of Applied Sciences (FSG) initiated a mission to supply PPE for the frontliners in Sabah. A special UiTM's taskforce was established and led by Associate Professor Datin Dr Arnis Asmat from FSG. The PPE mission to Sabah had received full support and cooperation from many departments in UiTM including Zakat, Alms and Endowment Division, Faculty of Art and Design (FSSR) of UiTM Shah Alam, UiTM Sabah Branch as well as Alumni Network Centre (ANC) of the Office of Industry, Community & Alumni Network (ICAN), UiTM. The Royal Malaysian Air Force (RMAF) was also involved in delivering the PPE to Sabah.



FSG ALUMNA SHINES IN ENGLAND



22

k²

Kosmo' SININ 26 APRIL 2022

Ibu, bapa jadi idola lakar kejayaan

Gadis Kampus

Oleh KHAIRIYAH HANAFI

RAUT wajahnya lembut, tutur katanya pula sangat sopan dan terusun. Di sebalik imej yang dilawannya itu, siapa yangka gadis ini seorang yang berjaya besar dan bukan sesuatu yang mencabar.

Merupakan graduan Sarjana Forensik Sains dari Universiti Teesside, Middlesbrough, England dan bakal melanjutkan pengajian di peringkat doktor falsafah (PhD) dalam jurusan sama, pemilik nama Nik Ihtisyam Majdah Nik Razi, 24, berjaya membuhtikan gadis seperti ini juga mampu menceburi bidang mencabar sama seperti lelaki.

Begitupun di sebalik kejayaan yang digapainya hari ini, gadis ini pernah dibelenggu dengan rasa sedih selepas pemergian ibu tercinta, dua bulan sebelum dia "terbang" untuk melanjutkan pengajian.

Begitupun anak kelahiran Pulau Melaka, Kota Bharu, Kelantan ini menjadikan situasi tersebut sebagai sumber kekuatan untuk dia terus mengejar kejayaan sehingga ke hari ini. "Saya kehilangan ibu sebelum dua bulan melanjutkan pengajian di peringkat Sarjana Forensik Sains di England."

"Berat hati ini Allah sahaja yang tahu. Ibu mula menghadapi sakit paru-paru pada bulan Februari 2019 sebelum menghembuskan nafas terakhir pada bulan Julai," katanya memulakan bicara.

Sudahlah kehilangan insan tersayang, gadis yang mesra disapa Syam dalam kalangan keluarga itu juga bergelut dengan masalah kewangan memandangkan pada waktu itu pengajarnya tidak mendapat mana-mana tajaan mahupun bimbingan.

Bagaimanapun, talka mengemukakan ia adalah hasrat ibunya, dia menggapahkan diri untuk berkelana ke negara orang demi menuntut ilmu pada bulan September 2019.

"Minat dalam bidang forensik sains ini terbit daripada keinginan untuk bergelar seorang doktor perubatan ataupun peragaan."

"Sebelum menerima tawaran meneruskan pengajian di England, saya terlebih dahulu mendapat tawaran dari dua negara iaitu Turki dan Mesir."

"Disebabkan pada waktu itu kedua-dua negara itu bergolak dan berlakunya rusuhan, hasrat tersebut terpaksa disimpan," ceritanya.

Beda dengan ketetapan Ilahi, Syam teringat kata-kata yang ditiptikan ibunya.

"Kata arwah ibu setiap ilmu ada kelebihan. Jika tidak dapat mengurniakan orang hidup sebagai doktor, dapat mengurniakan orang mati sebagai ahli forensik pun sudah memadai," kongsi.

Ujarnya lagi, tidak pernah terlintas di fikirannya akan melanjutkan pengajian di luar negara terutamanya di Eropah. Begitupun menurut anak kesebelas daripada 12 orang adik-beradik itu lagi,

INFO

Nik Ihtisyam Majdah

- Lahir pada 25 Februari 1996
- Berasal dari Pulau Melaka, Kelantan
- Merupakan anak kesebelas daripada 12 orang adik-beradik
- Boleh bertutur dalam empat bahasa dengan fasih: Bahasa Melayu, Inggeris, Arab dan Mandarin



BAGI Nik Ihtisyam Majdah, kejayaan yang dicapainya kini adalah hasil pengorbanan kedua-dua ibu bapanya.

idea untuk melanjutkan pengajian di bumi asing teretus apabila sering didendangkan dengan kisah-kisah menarik daripada penyarahnya.

"Ketika melanjutkan pengajian di peringkat Ijazah Sarjana Muda Forensik Kimia di UiTM Shah Alam satu ketika dahulu, saya begitu tertarik apabila penyarah sering memulakan setiap kelas forensik dengan kes-kes pelik."

"Bukan sahaja kes pelik, kes melibatkan golongan atasan dan model terkenal juga dikongsi bersama. Antaranya ialah Almarhumah Shaariibu Setev (2006), ahli perniagaan, Sosilawati dan beberapa individu lain."

"Kisah-kisah itu membuatkan kami berminat untuk mengaji lebih banyak kes dan menegali daripada sudut pandangan sebagai ahli forensik. Tambahan pula, salah seorang penyarah sering bercerita mengenai keindahan bumi orang sewaktu dia melanjutkan pengajian."

"Kisah-kisah tersebut membuatkan perasaan saya membaik-baik untuk mengaji universiti dan penduduk

seempatnya sehingga akhirnya saya berjaya menempatkan diri di universiti tersebut," jelasnya.

Berjaya memamatkan pengajian tiaripun dirundung loba dan sedang menunggu panggilan menyambung pengajian di peringkat PhD, Syam kini berada di Mesir untuk belajar talaq al-Quran di Datul Itqan, Muqattom dan belajar bahasa Arab di Markaz Aleem, Hayyu Sabi, Kaherah.

Kagum penulis takala mendengar kisah gadis ini yang sentiasa dahagakan ilmu. Takala ditanya apa yang membuatkan dirinya terus-menerus memenuhkan ilmu di dada, dengan pantas dia menjawab, arwah ibu dan bapanya merupakan individu yang bertanggungjawab membentuk dirinya sehingga ke hari ini.

"Sudah tentunya ibu dan bapa. Arwah ibu, Dr. Rus Sanani Asiah Hassan merupakan penerima Anugerah Khas Pendidikan, Hari Saktitina Khadijah 2021 dan bapa pula, Nik Razi merupakan penerima anugerah Tokoh pendidikan Yayasan Islam Kelantan 2005."

"Walaupun sibuk dalam melaksanakan amanah mereka dalam menyampaikan ilmu kepada ummah, tetapi tidak pernah mengabaikan kami 12 orang anak-anak dalam kepentingan pendidikan."

"Jangan pernah berputus asa dalam mencari ilmu walaupun kita telah kehilangan orang tersayang."

"Balas pengorbanan mereka dengan kejayaan dunia dan akhirat agar menjadi anak yang memimpin ibu bapa ke syurga kelak," jelasnya sebelum menutup bicara.



KES pelik diceritakan penyarah, menambahkan minat gadis ini pada bidang forensik.



TERUJA untuk mengenali adat dan budaya asing, membuatkan anak gadis berusia 24 tahun ini memilih untuk berkelana ke England.

FSG is proud with Miss Nik Ihtisyam Majdah Nik Razi for her outstanding academic achievement. She studied Chemistry (Forensic Analysis) in UiTM Shah Alam and later pursued her master's degree in Forensic Science at Teesside University, Middlesbrough, England in 2019. She will continue her quest for a doctoral degree in the same area. FSG wishes Nik Ihtisyam lots of success as she begins a new journey.

UiTM UNICORN SCHOLAR



Congratulations to Nur Hanis Baharudin, a student from Textile Sciences and Fashion Technology programme, on being selected as a participant for UiTM Unicorn Scholar. She will be conducting a project entitled "Embroidery Using Pineapple Yarn (PALF)". UiTM Unicorn Scholar Programme (UiTM USP) is a programme that targets a group of students with outstanding academic performance, excellent leadership, and highly enthusiastic in entrepreneurial activities. This programme is expected to change the landscape of entrepreneurship empowerment throughout the UiTM system including the aspects of cultural entrepreneurship, creating job opportunities, and students' readiness to compete in today's challenging global market.

BEST STUDENTS' SOCIETY



Congratulations to Applied Chemistry Society (ACES) on being named as the Champion of FSG's Best Students' Society for 2019/2020 session.

Raising Mental Health Awareness

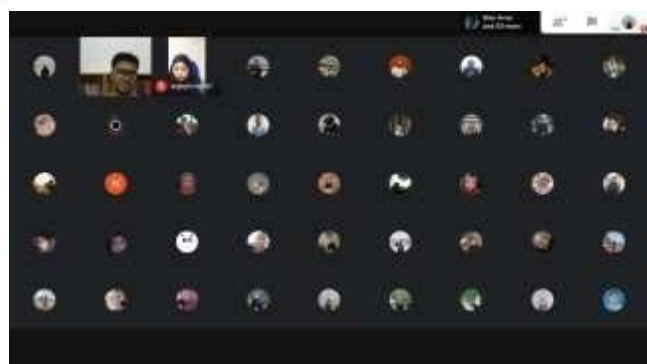
SHARE THE LOVE WITH MYHEART

Chemistry Fusion Club (CFC) of Faculty of Applied Sciences (FSG) had organised "Share the Love with MyHeart" to provide knowledge and exposure on mental health issues to students. This virtual event was held on 20 December 2020 from 9.00 to 10.15 p.m. via Google Meet.

The aim of this programme was to raise awareness on the importance of mental health among students. This could encourage the students to take care of themselves mentally, spiritually and physically, especially during the COVID-19 pandemic. The students faced challenges in dealing with online classes particularly new students for the 2020/2021 session. In addition, this programme can also cultivate self-awareness in an effort to address mental health problems.

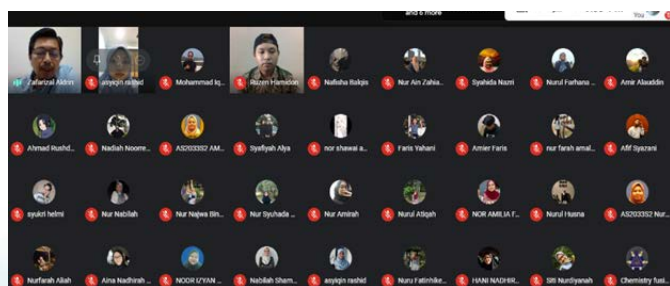
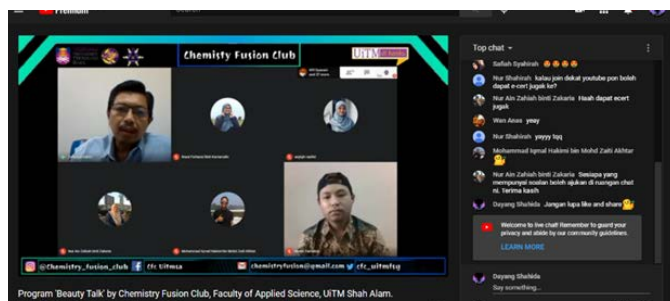
A total of 100 FSG students which comprised of 21 CFC's members and 79 members from FSG student associations joined the event. The invited speaker was Dr Ahmad Luqman Ahmad Suhaili, a medical officer at Sungai Siput Hospital, Perak who is also the President of the Malaysian Heart Health Association (MyHeart).

The programme was conducted interactively in the form of question-and-answer format between the speakers and the students where they shared reasons and ways in overcoming mental health problems.



Know Your Skin in Beauty Talk by CHEMISTRY FUSION CLUB

"Beauty Talk" was organized by Chemistry Fusion Club (CFC) with the objective to provide general information about beauty products and increase students' knowledge about materials that are often used in most beauty products. It also aimed to give more information on how to choose the right cosmetic products according to budget and skin's compatibility. This programme was held on 3 January 2021 from 9.00 to 10.30 p.m. where the panels shared information about the ingredients in each product as well as whether the ingredients are suitable for our skin's health.



This programme was conducted virtually via Google Meet and YouTube Live. There was a total of 238 viewers on YouTube and 54 FSG students on Google Meet; 21 of CFC's members and 271 members of the Faculty of Applied Sciences organisation. The invited speakers were Dr Zafarizal Aldrin Azizul Hasan, Head of Oleo Product Development Unit, AOTD, MPOB, and Mr Ruzain Hamidon, a beauty consultant. Both speakers shared tips on skin care method, products that are safe to skin, chemicals that can damage the skin and why healthy skin is important in everyday life. The forum was followed by a question-and-answer session where students asked questions on the proper way to handle skin care hygiene.

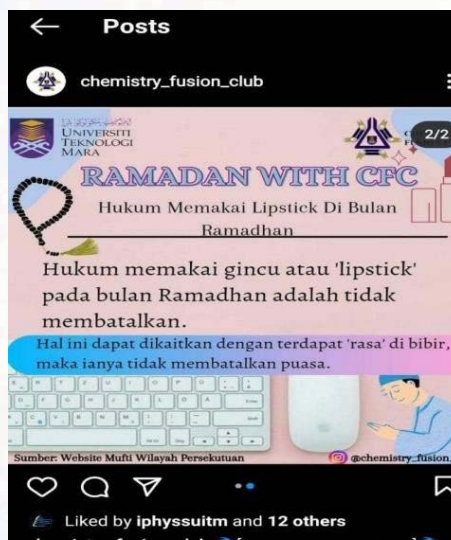
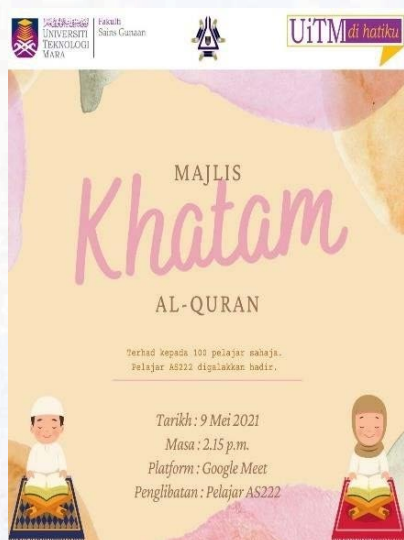


Ihya' Ramadan CFC 2021

Chemistry Fusion Club (CFC) Association took the initiative to organise "Ihya Ramadan CFC 2021" from 20 April to 12 May 2021 in conjunction with the holy month of Ramadan. Due to COVID-19, the event was conducted via online platforms namely Tik Tok, Instagram and Google Meet. This programme involved a total of 21 CFC's members of the Faculty of Applied Sciences organisation. The programme was conducted through daily postings of interesting facts about Ramadan on Instagram at 10.00 a.m. In addition, during every weekend of the Ramadan month, CFC's representative members did a short vlog of their activities which then posted on Tiktok and reels on Instagram. The Khatam Al-Quran programme was also held on 9 May 2021 from 2.15 to 3.15 p.m. The programme was led by CFC's representative members to recite the Quran on Google Meet.



Students also shared some activities that can be done and discussed their experiences in appreciating the blessings, importance and demands of charity in the month of Ramadan.



GET-TO-KNOW DAY FSG

FSG Welcomed New Students

"GET-TO-KNOW DAY FSG" was a programme to introduce Faculty of Applied Sciences (FSG) to new intake students for March 2021 session. This programme was held on Sunday, 2 May 2021 from 8.00 a.m to 1.00 p.m. The virtual event was conducted via Cisco Webex and Youtube Live.

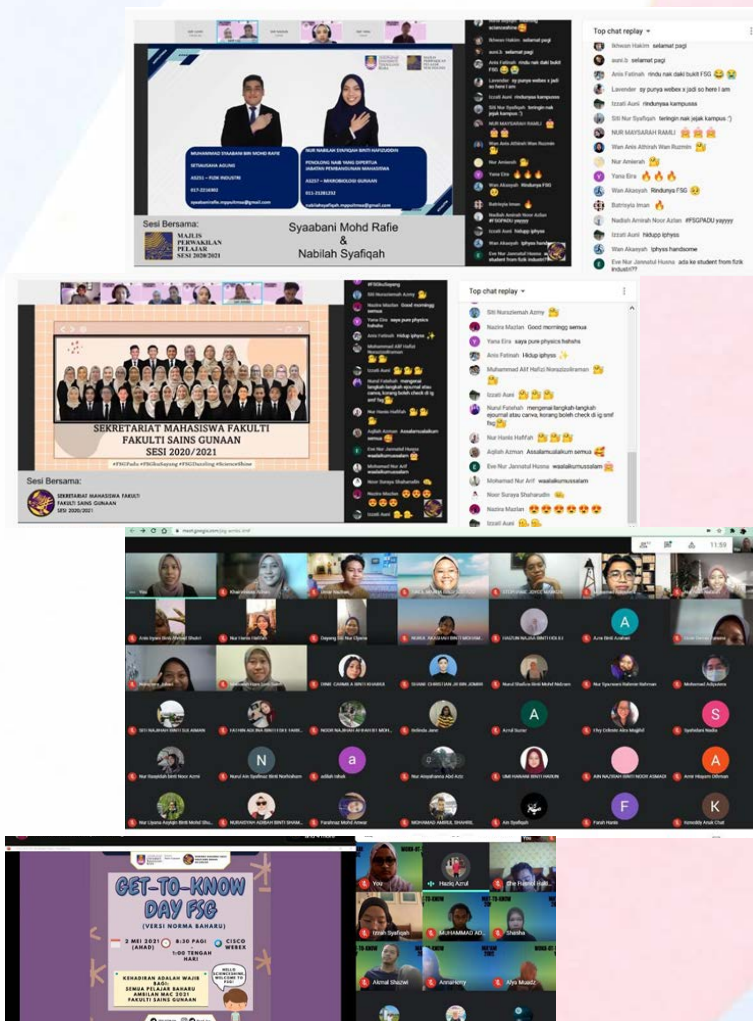
The new students were introduced with FSG's student leadership line-up, which consists of Student Representative Council, Faculty Students' Secretariat and Internal Association. In addition, the programme also provided initial exposure on the usage and operating time of the facilities available in FSG. It was also to let the new students to virtually experience the faculty and its surroundings. Several interesting activities were carried out during the programme.



Among the activities were:

- Video presentation of the Faculty of Applied Sciences
- Presentation from the Student Representative Council, Faculty of Applied Sciences (MPP FSG)
- Presentation from Faculty of Applied Sciences Students' Secretariat (SMF FSG)
- Presentation from Internal Association, Faculty of Applied Sciences (PD FSG)

The programme was a success and received great response from all students. It brings positive impact to the new students, which encourages them to learn more about FSG.



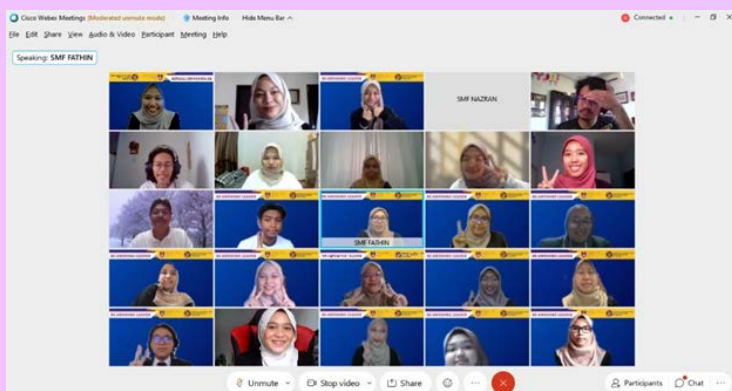
BE AN AWESOME LEADER

Virtual Appointment Ceremony for FSG Student Leaders

"Be an Awesome Leader" was a ceremony conducted by the Faculty of Applied Sciences Students' Secretariat (SMF FSG) to celebrate and present the appointment letter to the students leadership line-up. The ceremony was held on 7 May 2021 and attended by 58 participants. It was conducted via Cisco Webex from 3.00 to 5.00 p.m.

The objective of this programme was to strengthen the bond between the committee members of SMF FSG and 13 internal associations in FSG, which are ETeS, APMICA, IPHYSS, PHYSA, MATECH, ACES, PERTEMA, BIOMASS, CFC, BST, FORSIS, PTYS and TEXSAS. It is also to introduce the new structure of organisation in SMF FSG.

The programme began with a speech by the Dean of FSG, Professor Dr Farida Zuraina Mohd Yusof and the Deputy Dean of Student Affairs, Associate Professor ChM. Dr Raja Razuan Raja Deris, followed by a symbolic screening of the appointment. It was ended with a pledge reading by the president of SMF FSG, Nur Amani Mohd Faidzal.



ANUGERAH SAINTIS MUDA

Appreciation to FSG Top Students

"Anugerah Saintis Muda" was organised by Faculty of Applied Sciences Students' Secretariat (SMF FSG) to celebrate students who had achieved excellent result in the final assessments during October 2020 to February 2021 semester. This programme was held on 3 JUN 2021 from 9.00 to 11.00 p.m. via SMF's official Instagram account and Youtube Live.

In a span of two hours, the programme began with an acknowledgement speech from the Dean of FSG, Professor Dr Farida Zuraina Mohd Yusof followed by the Deputy Dean of Academic Affairs, Associate Professor Ts. Dr Mohd Rozi Ahmad and the Deputy Dean of Student Affairs, Associate Professor ChM. Dr Raja Razuan Raja Deris. Next, a video presentation of the students who successfully achieved 4.0 GPA was presented. The final part of the event featured a poster presentation containing all 1,181 recipients of the Dean's List from previous semester. The students were also awarded with monetary gifts from the faculty as a token of appreciation.

The main objective of this semesterly programme is to acknowledge the effort of the students who manage to score well in their final assessments. It is also to encourage all students to constantly work hard in their studies and strive for the Dean's List award in the upcoming semester. Finally, the programme aims to strengthen the bond between the students and the Dean of FSG.



STAY PRODUCTIVE DURING RAMADAN

During Ramadan, several programmes were organised by the Faculty of Applied Sciences Students' Secretariat (SMF FSG) to engage with FSG students. This initiative aimed to increase the knowledge of students throughout the month of Ramadan.

UiTM Quran Hour

"UiTM Quran Hour" encouraged the students to recite the Al-Quran together. This online programme was conducted on Sunday, 1 May 2021, from 10 a.m. until noon via Cisco Webex and Youtube Live. A total of 150 participants attended and gave positive feedback based on their experience.

It's Ramadhan!

"It's Ramadhan!" shared knowledge about Islam through interactive videos by SMF FSG. This programme was held from 28 April 2021 to 12 May 2021 via SMF FSG's official Instagram, @smf_fsg. The contents were grouped into three central themes namely "Morals and Sirah", "Sunnah", and "The Specialty of the 10 Days of Ramadan".

Pertandingan Video Tarbiah: Sentap Tak?

"Pertandingan Video Tarbiah: Sentap Tak?" was an online event organised by Perindu College in collaboration with SMF FSG, UiTM Islamic Affairs Division (BHEI), UiTM Hadhari Student Association (PMH), Faculty of Sports Science and Recreation (FSR) Student Secretariat and Faculty of Mechanical Engineering Students' Secretariat (FKM). The theme for this competition which ran from 13 to 29 April 2021 was "Ramadhan: Kesempatan kepada Jalanmu" with the objective to provide a platform for students to develop and improve their public speaking.

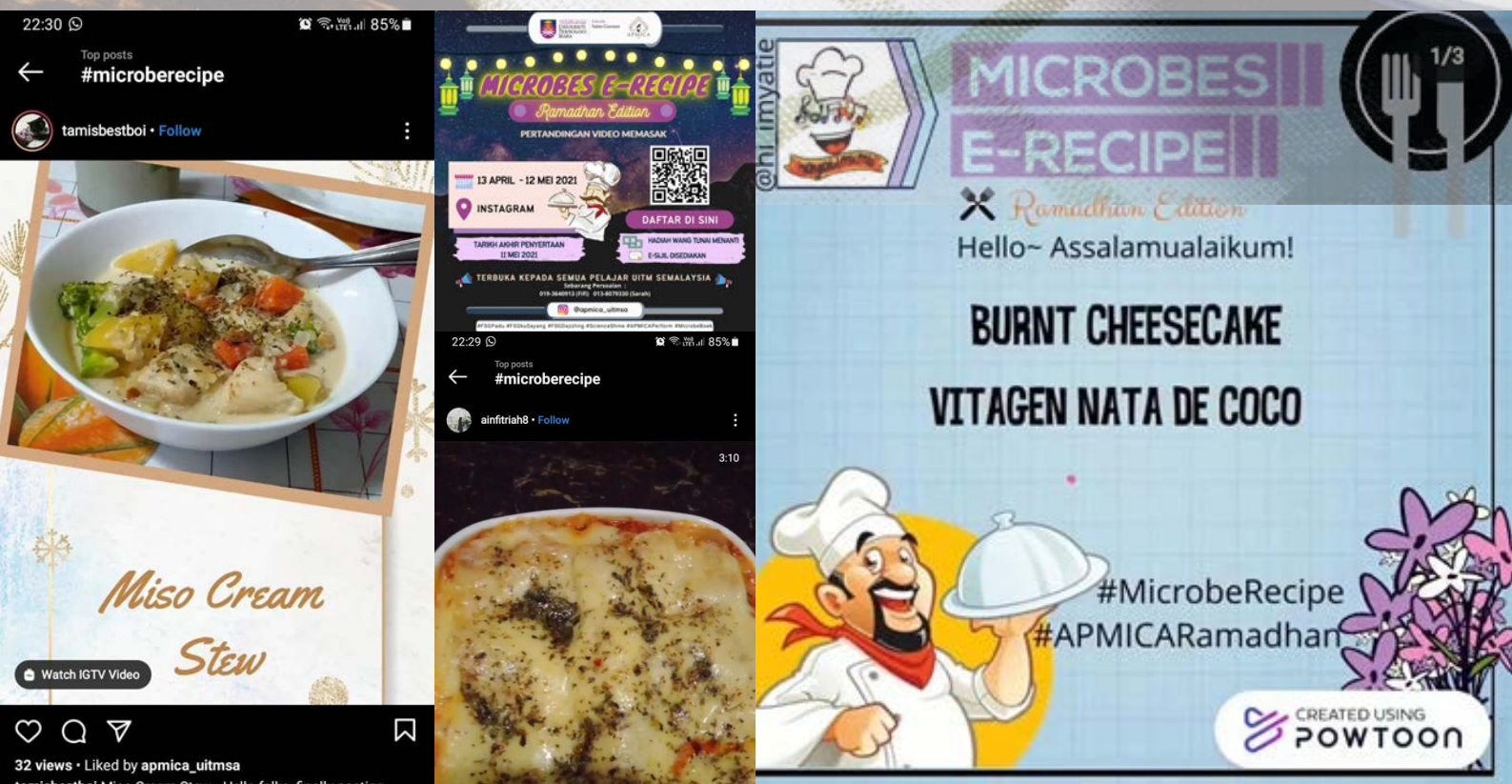


COOKING CONTEST

Microbes E-Recipe: Ramadhan Edition

"Microbes E-Recipe: Ramadhan Edition" was a cooking contest held by the Applied Microbiology Association (APMICA), Faculty of Applied Sciences (FSG) during Ramadan, which started from 13 April to 12 May 2021. This programme introduced the benefits of microorganisms by using them in a cooking dish for Ramadan. Students had the opportunity to showcase their talents in cooking and video editing skills. The participants posted videos on their personal Instagram account. They were also required to tag the APMICA official Instagram account (@apmica_uitmsa), and used hashtags #APMICARamadhan and #MicrobeRecipe. This programme was opened for UiTM students from all branches in Malaysia.

The videos were evaluated by Dr Amaliawati Ahmad Latiffi, Noor Suraya Shaharuddin and Muhammad Hazmi Arif Ibrahim as the juries for this competition. The evaluation was based on their creativity in presenting the meals, video quality, and total 'likes' on their postings. On 12 May 2021, the winners were announced through APMICA official account Instagram. The winners were given cash prizes, RM100, RM75 and RM50 for first, second, and third place, respectively. All participants were provided with E-certificate as appreciation for their participation in the programme. Overall, this programme was a huge success and achieved its main objective of highlighting the benefits of microorganisms as an ingredient in cooking.



A Letter for You 2.0

Hopes to Those in Need

The Applied Microbiology Association (APMICA) of Faculty of Applied Sciences (FSG) had organised "A Letter for You 2.0" in conjunction with Mental Health Awareness Week from 10 to 16 May 2021. The programme took place for a month from 1 to 30 May 2021 via Google Form and APMICA's official Instagram account (@apmica_uitmsa). The primary purpose of this programme was to provide a platform for students to voice out their thoughts on how they feel and to share supportive messages to inspire other students who may be dealing with low mental health, feeling downcast and depressed. This programme increased the awareness on mental health among students and educated them more about maintaining a good mental health condition.

As part of an initiative to assist those in need of expert advice, many hotlines that help persons struggling with stress were made available through this programme. As an additional support, *Exco Hubungan Mahasiswa dan Komuniti* and *Exco Akademik dan Kerjaya* of APMICA had also uploaded promotional videos on Instagram, highlighting the sensibility and sensitivity of mental health.

Google Form that was distributed had recorded a massive number of responses to the questions listed. Several participants left their advice, experiences and supportive messages in the comment box section of the form. These messages were then posted on APMICA's Instagram feed and Instagram story to appreciate the participants' involvement in spreading positive messages to people who are struggling with mental health problems. The active involvement from the students reflected the impact of this programme in creating awareness of the current situation faced by the student community, especially during the COVID-19 pandemic.

A LETTER FOR YOU 2.0
Participant's Appreciation Post

Reminder

Whatever you going through right now, I know it's hard, Allah knew. I promise one day everything is gonna be okay. Everything happens is for reasons even I'm not too sure about it, but trust Allah. If you need help or feel overwhelmed please contact people, or close one, or even a stranger so that your burden will be light a little ☺ you are worth living

Okay Close

Swipe Up
@apmica_uitmsa

#FSGPadu #FSGkuSayang #FSGDazzling #ScienceShine #APMICAPerform #MicrobeBoek

A Letter For You 2.0

HOTLINE

AN MENTAL HEALTH ASSO

<https://mmha.org.my/>
03-2780 6803

LINE ASSOCIATION MALA

<http://lifeline.org.my/cn/>
03-42657995

BEFRIENDERS

[ps://www.befrienders.org.m](https://www.befrienders.org.m)
KL: 03-7956 8145 (24 hours)
poh: 05-547 7933 (4pm to 11pm)
ng: 04-281 5161 (3pm to midn

@apmica_uitmsa

Sayang #FSGDazzling #ScienceShine #APMICAPer

Understanding the Holy Month of Ramadan

"Mind Blown Ramadan" was a scholarly programme organised by the Chemistry Forensic Analysis Society (FORIS), which aimed to increase the knowledge among students about the historical events that occurred during the holy month of Ramadan. For a total of 5 days, from 26 to 30 April 2021, information regarding various topics such as sunnah and historical events in Islam was uploaded on the FORSIS Instagram account, @forsisuitm. The level of understanding of the students of Universiti Teknologi MARA, Shah Alam, was tested by answering quizzes via Kahoot!, which is a game-based learning platform.

This one hour long quiz session was held on the Microsoft Teams platform on 2 May 2021. The winners were Mohammad Iqmal Hakimi bin Mohd Zaiti Akhtar who won first place, Nurul Farah Syafiqah binti Fadhli Amin in second place, and Afifah Nur Huda binti Lokman who secured third place. This programme was a success based on participants feedback who rated it as a fun and interactive programme, which can increase their knowledge about Islam.



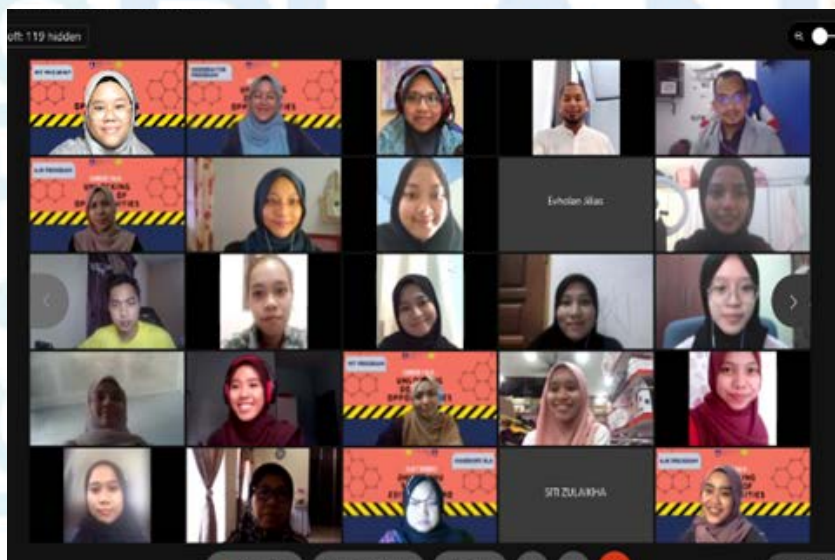
Tips for Future Graduates

Career Talk: Unlocking Doors of Opportunities



The Chemistry Forensic Analysis Society (FORSIS) had organised "Career Talk: "Unlocking Doors of Opportunities", which aimed to increase the students professional visibility for job opportunities upon graduating from the Chemistry (Forensic Analysis) programme. The event was conducted on 29 May 2021 from 10 a.m. to noon via Cisco Webex platform featuring three Chemistry (Forensic Analysis) alumni as the panels. They were Mohd Nizamuddin Md Akhsan, Abdul Hadi Abd Rahim and Siti Marwiyah Abu Bakar.

Throughout the event, all three panels engaged very well, making it a delightful session for the participants to understand the sharing from the forum. Participants also actively played their part by raising many meaningful questions, which were thoroughly addressed by the panels. This kind of learning environment was highly beneficial for both panels and participants. This programme had provided an impactful avenue for the students to obtain pertinent information, which will equip them well in seeking for job opportunities.



Test Your Knowledge in Deception: CSI Puzzle Board Game

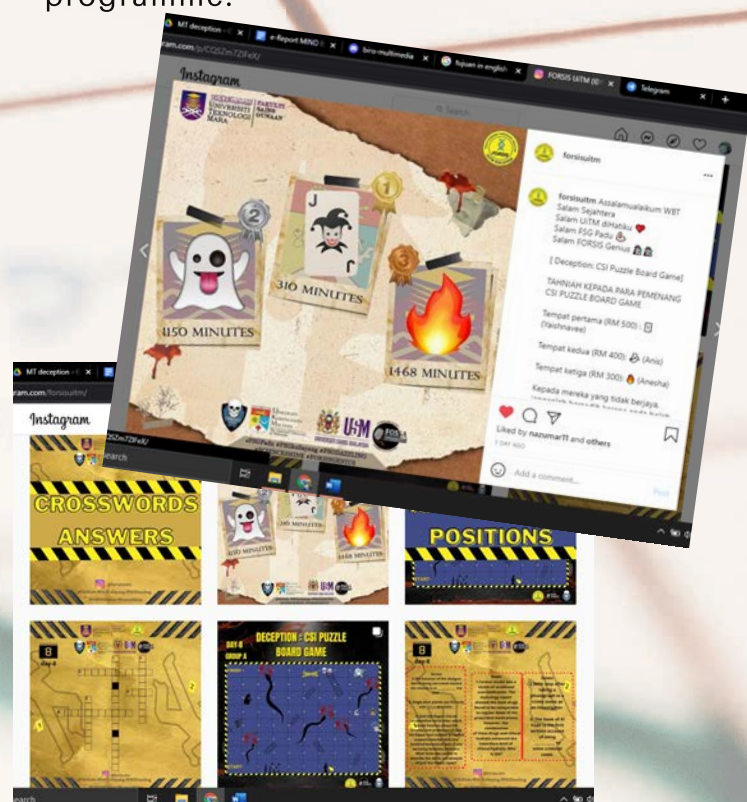


"Deception: CSI Puzzle Board Game" was a national puzzle board game competition organised by the Chemistry Forensic Analysis Society (FORIS). This educational board game was aimed to provide a platform for the students to ease their mind before the examination period at the end of the semester. Students had the opportunity to work in teams and apply critical thinking in solving problems presented in the game.

This event was held from 11 to 19 June 2021, and the progress was constantly updated on the society's Instagram account, @forsisuitm. The participants of this programme were comprised of forensics students from Universiti Teknologi MARA (UiTM), Universiti Sains Malaysia (USM) and Universiti Kebangsaan Malaysia (UKM). The participants' knowledge was tested by answering questions regarding forensics topics in a crossword form, which determined their positions in the 'snake and ladder' board game.



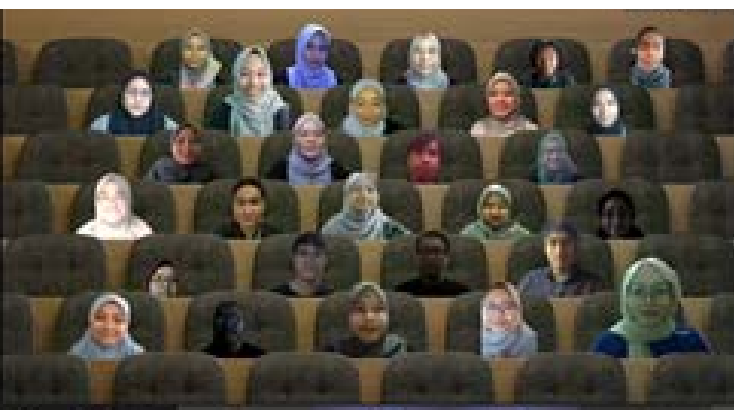
The winner for first place was a group from UKM led by Yaishnavee A/P Ravi. Meanwhile, a group from UiTM led by Anis Syazwani M. Sabarital won second place, and the third place was also from UiTM led by Nur Anis Anesha Ahmad Naim. The participants had so much fun and appreciated the learning experience they obtained from the programme.



Enhancing Microsoft Words Skills in Starts from Basic

"Starts from Basic" was a programme organised by the Environmental Technology Society (ETeS) to expose the students on the correct way to use the multitude features offered in Microsoft Word.

Obtaining the basic skills in using this word processor are very important as students will rely on it everyday in completing their notes and assignments. It is also one of the essential skills needed when working later.



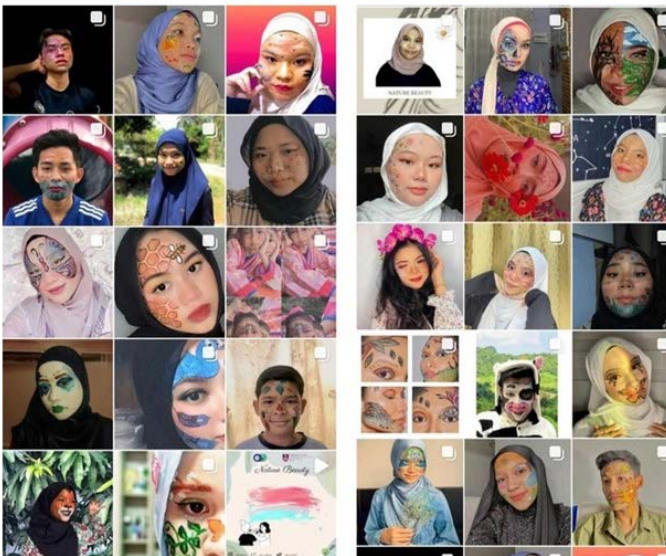
This virtual webinar was conducted on 1 May 2021 via Microsoft Teams, involving both IPTA and IPTS students all over Malaysia. Mr Fakhrullah Samerin, a Thesis Formatting Freelancer, was invited as a speaker to share his skills in maximizing the usage of Microsoft Word and his expertise on thesis formatting specifically for the final year students.

The programme was well received with a total of 177 participations from UiTM, as well as other IPTA and IPTS students. It was well executed by the dedicated committee members of ETeS. It is hoped that the valuable inputs gained from the webinar can be applied in producing a high quality thesis.

Showcase Your Face Painting Talents in Nature Beauty

The Environmental Technology Society (ETeS) had organised "Nature Beauty" to raise awareness about the World Environment Day as well as to provide an opportunity for the participants to showcase their artistic abilities in the field of painting. The event was conducted in conjunction with the World Environment Day 2021. The event started from 27 May to 13 June 2021 involving two categories of participants, which were the IPTA/IPTS and SMK students, all over Malaysia. Under the "Nature Beauty" theme, all participants showed their creativity in face painting using watercolour or make-up, followed by uploading their artwork on the Instagram platform.

The programme enabled the participants to showcase their talent by drawing flowers or animals in a creative way on their faces. A total of 34 students participated in this programme, which was divided into two categories, and was judged by Mrs Nurul Suhana Mohd Noor from the Cultural Unit of UiTM Shah Alam. The event was a success with each committee member carried out their role efficiently. In fact, the programme had also succeeded in strengthening the bond and teamwork among ETeS members. This type of programme is beneficial and can provide a platform in promoting the ETeS to the community.



Anjuran: Persatuan Teknologi Persekitaran (ETeS)

Nature Beauty

Pertandingan Lukisan Wajah

TEMA : ALAM SEKITAR

APLIKASI: INSTAGRAM


YURAN : RM 5

TERBUKA : IPTA , IPTS , SMK

E-SIJIL UNTUK PESERTA

PENDAFTARAN
27/5/2021 - 13/6/2021

DAFTAR DISINI



HADIAH UTAMA BERUPA WANG TUNAI MENANTI PEMENANG

KATEGORI	
SEKOLAH MENENGAH	IPTA & IPTS
1ST RM 100	1ST RM 150
2ND RM 75	2ND RM 100
3RD RM 50	3RD RM 70

Sebarang Pertanyaan :
015 - 7809424 (Nadia)
015 - 2773580 (Zakinah)

officialetes etes_official officialETES



PERTEMART ONLINE BAZAAR

Instilling Entrepreneurial Culture

"PERTEMart Online Bazaar" was an entrepreneurship programme organised by Persatuan Teknologi Makanan (PERTEMA) which was intended to benefit young entrepreneurs from UiTM. The objective of the programme was to provide a platform for UiTM students to broadcast or advertised their products. This event was held from 10 April to 17 July 2021, every Saturday via Telegram as part of the effort to create and implement an entrepreneurial culture among UiTM students. This programme aimed to expose students with entrepreneurial knowledge and skills in developing business.

In addition, a series of business talks were conducted in hope to give more input and motivation for the students to build and instill their confidence to become an entrepreneur. The invited speakers were from the food industry, MASMED and lecturers of FSG. The sharing sessions were very insightful and such an eye-opener for newbies in the business field. There were also a total of 56 sellers that had registered for an online bazaar. This programme provided guidance for graduates who were planning to venture into the field of entrepreneurship as a future career.



BRIGHTEN YOUR RAMADHAN: VIRTUAL TADARUS & KHATAM AL- QURAN

**Brighten Your
RAMADHAN
VIRTUAL
TADARUS &
KHATAM AL-QURAN**

17 & 18 APRIL
TADARUS
MEET 1

24 & 25 APRIL
TADARUS
MEET 2

1 & 2 MAY
TADARUS
MEET 3

8 MAY
TADARUS
MEET 4

9 MAY: KHATAM
AL-QURAN

TIME :
10.00 AM
UNTIL
12.00 PM

Open until 15/4/2021

Register here

E-CERTIFICATE
PROVIDED

**MAJLIS
KHATAM AL-QURAN**

**MAJLIS PENUTUP
BRIGHTEN YOUR RAMADHAN:
VIRTUAL TADARUS**

9 MEI 2021
AHAD
27 RAMADAN 1442H

10.00 A.M.-
12.00 P.M

PERTEMA UTM
SHAHALAM
LIVE

09HHAR:011-11119859 | NURUL:018-4724219

Persatuan Teknologi Makanan (PERTEMA) had conducted "Brighten Your Ramadhan: Virtual Tadarus & Khatam Al-Quran" programme in conjunction with the month of Ramadan.

This spiritual programme was held from 17 April to 9 May 2021. A total of 40 students were divided into groups with a leader each to recite the holy Quran with the assigned juzu' during weekends throughout the whole month of Ramadhan.

The aim of the programme was to strengthen the bond between the students and to fill the holy month with spiritual activities by reciting the 29 juzu' of the holy Quran. The leader of each group was also responsible in correcting the reading of participants during the session. There were four online sessions held via Google Meet platform, which were on the 17 & 18 April, 24 & 25 April, 1 & 2 May and 8 & 9 May 2021.

At the end of the Ramadan, a virtual "Majlis Khatam Al-Quran" was held via Google Meet platform. This final event was conducted on 9 May 2021 in which the mentors consisted of six male students recited the last juzu' in completion of their 30 juzu' of Al-Quran. This was followed by a religious talk by Ustaz Fahimi Zakaria entitled "Kemuliaan Lailatulfitri".

The programme was a huge success as the participants were delighted in finishing 30 juzu' of Al-Quran and enjoyed listening to the religious talk.

MOTHERS' DAY POETRY COMPETITION

The "Poem of Emotions in Multi-languages (PoEM)" programme was a competition hosted by Persatuan Teknologi Makanan (PERTEMA) in collaboration with Korean Club (K-Club) UiTM Shah Alam. It was held in conjunction with Mothers' Day to express appreciation to mothers through poetry writing.

The programme was intended as a platform for students to demonstrate their third language skills and creativity in poetry writing. It took place from 26 April to 18 May 2021 via Instagram, as part of the effort to encourage students to embrace foreign language learning, which is also one of the qualifications desired in the workplace.

This programme had exposed the students with the differences and uniqueness of the foreign languages that they have learned. The Arabic, Mandarin, Japanese, and Korean were among the third languages competed. One of the rules was that the language selected must not be the participant's native language. A total of 38 students had successfully submitted their third language poems, including eight in Arabic, four in Japanese, 16 in Mandarin and 10 in Korean languages altogether. Participants were mainly students from UiTM Shah Alam, UiTM Puncak Alam, UiTM Puncak Perdana, UiTM Sungai Buloh and UiTM Dungun.

Poems of Emotions in MULTI LANGUAGES PoEM COMPETITION

OPEN FOR ALL UNIVERSITY STUDENTS

REGISTRATION DATES
22 April 2021 - 6 May 2021

UPLOADING DATES
26 April 2021 - 9 May 2021

REGISTER NOW

THEME:
Mothers' Day

PRIZES

- 1st Prize: RM 100
- 2nd Prize: RM 75
- 3rd Prize: RM 50

WINNERS ANNOUNCEMENT
18 MAY 2021
via PERTEMA Official Instagram

019-510 4620 (Hafizah) | 014-548 2025 (Syafiqah)

PERTEMA UiTM SHAH ALAM | @pertema_uitmsa

FOLLOW THE RULES

Participants choose which language will be used to write ONE poem and must provide translation in English or Malay.

HELLO (Hello in various languages)

Languages available (choose ONE only):

1. Mandarin
2. Arabic
3. Japanese
4. Korean

The chosen language must not be your native language

Poem must have minimum 5 lines

Poem can be in handwriting or typing form and upload the picture of the poem in your personal Instagram and tag PERTEMA Official Instagram Account (@pertema_uitmsa)

Instagram account must be in public mode

The caption must include # based on your chosen language
(eg: #poempertema_mandarin, #poempertema_arabic, #poempertema_japanese, #poempertema_korean)
(REMINDER: PLEASE MAKE SURE THE HASHTAG IS CORRECT)

PoEM COMPETITION

PERTEMA UiTM SHAH ALAM | @pertema_uitmsa

BICARA HALAL 2.0: HALAL BEST PRACTICES IN FOOD MANUFACTURING

"Bicara Halal" was a series of programmes run by three different internal associations of different faculties. The faculties involved including Faculty of Applied Sciences (FSG), Academy of Contemporary Islamic Studies (ACIS) and Faculty of Hotel Management and Tourism (FPHP). The 'Bicara Halal 2.0' was a continuation of the first series, and it was held online on 7 May 2021 via Cisco Webex. This programme was hosted by the Persatuan Teknologi Makanan (PERTEMA), UiTM Shah Alam in collaboration with Nestlé Manufacturing (Malaysia) Sdn. Bhd. together with Halal Industry Management Society (HIMS), UiTM Shah Alam and Food Service Society (FSS), UiTM Puncak Alam.



The objectives of this programme were to expose and add new knowledge to students regarding the halal best practices in food manufacturing and also to create an academy-industry linkages between UiTM and Nestlé Manufacturing (Malaysia) Sdn. Bhd. Two iconic personalities were invited for the webinar namely Tuan Hj Mohd Amri Abdullah, an expert panel in halal industry from the Department of Islamic Development (JAKIM) as the moderator, and Tuan Hj Sariffudin Mahmud as the speaker who serves as the halal operating manager of Nestlé Malaysia.



Perlaksanaan dan Kawalan

Produk import - Pensijilan Halal disahkan oleh badan Halal yang diiktiraf JAKIM, contoh: MUI, MUIS, CICOT, HCS dan HFCE

Examples of Halal logo on global products:



CELEBRATING SYAWAL IN PERTEMA BERAYA



"PERTEMA Beraya" was conducted from 3 to 24 May 2021 in the spirit of the Syawal celebration with students from the Faculty of Applied Sciences. The event was conducted by Persatuan Teknologi Makanan (PERTEMA) through social media platform, Instagram, involving two interesting activities, which were "Raya e-Postcard" and "Eid-Foodography".

The "e-Postcard" aimed to connect and strengthen the relationship among family members and friends through e-Postcard delivery. The PERTEMA members created and sold the e-Postcard at RM3 each to all UiTM students. A total of 47 pieces of e-Postcard were sold, which amounted to RM123.



Meanwhile, the "Eid-Foodography" was a competition that served as a platform to celebrate the diversity of "Hari Raya" foods in Malaysia. There were 12 participants who took part in which they were required to upload their "Hari Raya" food photos in three consecutive days starting from 13 to 15 May 2021. The winner of the competition was announced on 24 May 2021 on PERTEMA's official Instagram account.

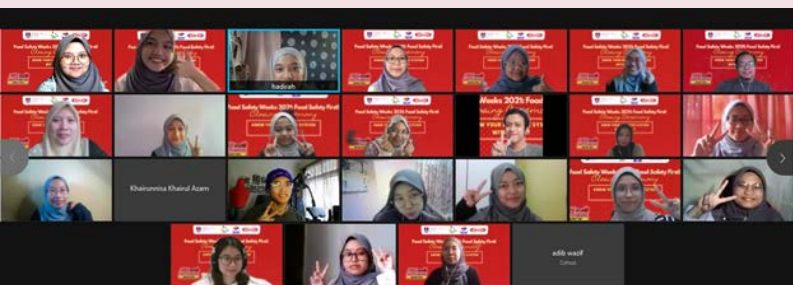


The "PERTEMA Beraya" programme was a success in connecting family members and friends and also in celebrating the unique diversity of flavourful "Hari Raya" dishes that Malaysia has to offer.

Food Safety Weeks 2021: Food Safety First!

In conjunction with the World Food Safety Day celebrated on the 7th of June 2021, Persatuan Teknologi Makanan (PERTEMA) of UiTM Shah Alam had organised "Food Safety Weeks 2021: Food Safety First!" event to show their support and raise the awareness on food safety among Malaysians. The aim of the event was to encourage actions in preventing, detecting and managing foodborne risks. Awareness in food safety will contribute to food security, human health and economic prosperity. It is also a key aspect in the improvement of agriculture practice, market access and sustainable development.

This programme was held from 17 May 2021 to 19 June 2021, involving 15 committee members of PERTEMA and 44 students of Service Learning Malaysia (SULAM) Human Nutrition (FST511). There were eleven activities carried out throughout the programme. One of the activities was the "Food Handlers Training Program", which was held in collaboration with the FFS Services and Consultancy PLT (FFSTC), targeting the home-based food handlers as well as students who wish to obtain a Food Handlers Training Certificate for food business or other purposes.



A webinar, "Mindful Eating: Think Before Eat" from SULAM Module 3 was an event featuring a nutritionist expert from Shaklee Malaysia, which aimed to raise awareness among the youths on healthy eating practices. The closing ceremony was conducted on 19 June 2021 via YouTube Live as a token of appreciation to everyone who had participated in any of the activities held during the five-week event. In line with promoting healthy and safe eating, the closing ceremony was organized in collaboration with Yakult (Malaysia) Sdn. Bhd. in which Ms Ho Evelyn, a nutritionist, gave a talk entitled "Knowing Your Digestive System" with the aim to educate viewers about intestinal health, intestinal flora and probiotics. Participants involved in this programme were from various institutions including UiTM, other IPTA and IPTS, Form 6 foundation center and secondary school students.

The Einstein's

Physics in Our Daily Lives

Industrial Physics Student Society (IPHYSS) had organised a competition, "The Einstein's" with the objective to challenge the minds, unearth the talents and abilities of UiTM students to apply physics in their daily lives through performing simple experiments, which can be done at home. The competition was held from 20 May to 1 June 2021 and opened to all UiTM students.

THE EINSTEIN'S
PHYSICS IN OUR DAILY LIFE

make a video about physics experiment by using household items!!

20 MAY 2021 - 6 JUNE 2021
TIKTOK AND INSTAGRAM

Open to all
UiTM Student

Register now!!

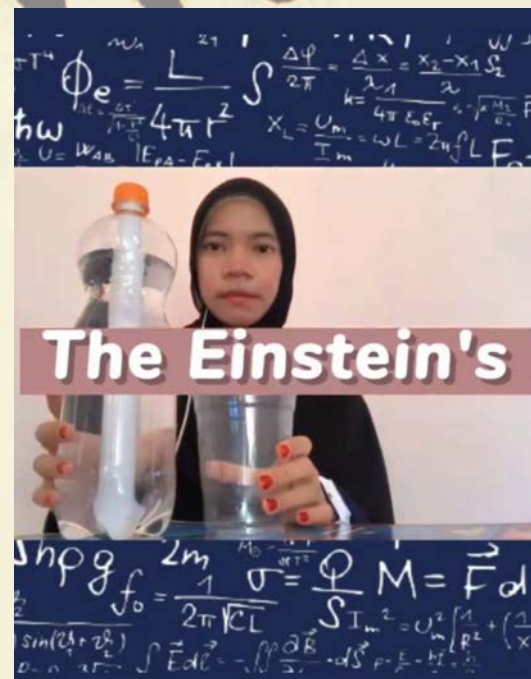
Yushamira
013-462 0402
Fatin
017-213 5503

PRIZE

- 1st RM80
- 2nd RM60
- 3rd RM40

@Industrial Physics | @iphyssuitm

#FSGPadu #FSGKuSayang #FSGDazzling #ScienceShine #TheEinstein's #yourfutureeinsteins



In this programme, the participants created videos featuring them conducting physics experiments and then uploaded it on TikTok and Instagram. Winners were chosen based on the contents and creativity of the video produced. The contents were judged by physics lecturers i.e. Associate Professor Ts. Dr Zety Sharizat Hamidi, Dr Syed Yusainee Syed Yahya, Dr Anne Maria Mahat, Ts. Dr Rosdiyana Hasham@Hisam and Dr Zurianti Abd Rahman. Meanwhile, the IPHYSS committee members also contributed in judging the video in terms of creativity. The videos were also rated based on the total number of views and likes on both TikTok and Instagram platforms to determine the winners.

This event served as a platform for students to gain knowledge about physics concepts in a fun and creative way. The organising committee also gained valuable experience in managing events during the COVID-19 pandemic.

MAKE IT RIGHT

LEARN TO EXCEL IN STUDIES AND CAREER

The Industrial Physics Student Society (IPHYSS) had organised "Make It Right" programme on 11 April 2021 to motivate and guide students about their career in the future. The event was conducted online from 10.00 to 11.30 a.m. via Cisco Webex application.

The programme aimed to give inspiration to students in choosing their career path and to motivate them to not giving up in studying. There were 80 participants, which consisted of students from Industrial Physics, Physics, and Material Science and Technology. Lecturers from the School of Physics and Materials Studies of Faculty of Applied Sciences were also in attendance.

Dr Farah Liyana Mohammad Khir, IPHYSS advisor, presented a talk and shared her experience on being in the industry and teaching at a university. Participants also learnt about how to write a great resume for an interview.

The organiser had also conducted a live session of the event on Facebook page, "Industrial Physics UiTM Shah Alam" to allow other participants who were unable to join during the stated time to access it later on.

A Question and Answer session was conducted after the talk. Participants and those involved in organising the programme gained valuable experience and information. The programme was a great success in inspiring the students to excel in studies and charting a path for a better future.



IPHYSS Mobile Legend E-Sport Competition

IPHYSS Mobile Legend (IPML) is an e-sport competition held to expand networking between students of School of Physics and Material Sciences, Faculty of Applied Sciences in UiTM Shah Alam and physics students from other local universities in Malaysia.

The IPML Competition featuring "Mobile Legend: Bang Bang" game application was conducted by the Industrial Physics Student Society (IPHYSS) from 12 to 13 June 2021. The event started with an opening ceremony on the first day via Google Meet platform at 9.00 a.m. There were a total of 75 participants from nine local universities in Malaysia who participated in the competition. Participants were divided into groups of five and a briefing about the flow and rules of the game was given. All teams and referees were then allowed to prepare and enter the game room. Day one saw all teams competed at group and quarter-final stages. Winners from the quarter-finals were qualified to the semi-finals on day two.

On the second day of the event, the semi-finals and finals were held from 9.10 a.m. to 2.00 p.m. There was also a live session on "YouTube" for the final and third place matches on "IPHYSS YouTube Channel". The programme ended with a closing ceremony at 2.30 p.m. via "Google Meet" in which all winners of IPML competition were announced. The prizes for first, second and third places were RM500, RM400 and RM300, respectively. Each member of the winning groups received a medal. All competitors and members of the organisers also received an e-certificate for their involvement in the competition.

The programme had provided the first step in establishing a solid networking between UiTM and other local universities students. It had also encouraged a stronger team spirit among the participants and supporters from each team. The event was a huge success as all participants were satisfied and delighted with the overall experience at the event.



FEED THE HOMELESS

a fundraising for the needy

Biosmarteam (BST) and Biomolecular Science Association (BIOMASS) had joint forces in organising "Feed the Homeless" programme from 7 May to 2 July 2021. The programme was conducted in collaboration with "Warung Makan Sahabat", a community centre for the homeless and needy located in Kuala Lumpur. This programme aimed to raise funds for the purpose of helping the homeless around Kuala Lumpur, Malaysia.

All of the funds were collected through purchases of UiTM's merchandises such as tote bags, lanyards, and T-shirts. Authentic Victoria's Secret perfumes and body mists were also being sold. Buyers were given the options to purchase either loose items or combo sets. Both BST and BIOMASS also took the initiative to promote the programme during "Culture Eid Concert & Talent Night", which was held on 22 May 2021 via Youtube Premiere.

The programme received a tremendous support and successfully collected a total of RM1147 in profits and donations. All proceeds went to "Warung Makan Sahabat" for the preparation and distribution of lunch boxes to the homeless. A programme such as this sends a strong message of the importance of giving and helping those in need.



Feed The Homeless

Warung Makan SAHABAT

ABOUT OUR PROJECT?

Feed the homeless is a collaborative project between the Biosmarteam & BIOMASS from Faculty of Applied Science with an NGO, Warung Makan Sahabat Kuala Lumpur.

OUR GOAL!!

Our goal is to raise funds and prepare lunch boxes for homeless people in Kuala Lumpur from every purchases made, which will be prepared by Warung Makan Sahabat Kuala Lumpur :))

OUR MERCHANDISE!!

We will be selling our very own customized UiTM t-shirt, lanyard and tote bag. We will also be selling authentic Victoria Secret's perfume and body mist.

INTERACT WITH US!!

If you are interested and have any inquiries, don't hesitate to contact us through our social media as shown below!!!

@biosmarteam @biomassuitm 013 2425295 (Amelia) 011-1634 4126 (Zulaikha)



Our GOAL

OUR GOAL IS TO **RAISE FUNDS AND PREPARE LUNCH BOXES** FOR **HOMELESS PEOPLE** IN KUALA LUMPUR FROM EVERY PURCHASES MADE, WHICH WILL BE PREPARED BY **WARUNG MAKAN SAHABAT KUALA LUMPUR**

Our MERCHANDISE

WE WILL BE SELLING OUR VERY OWN CUSTOMED **UITM T-SHIRT, LANYARD AND TOTE BAG**

WE WILL ALSO BE SELLING **AUTHENTIC VICTORIA SECRET'S PERFUME AND BODY MIST**

CHECK OUT THE HIGHLIGHT "FEED THE HOMELESS" ON OUR INSTAGRAM PAGE TO VIEW THE CATALOGUE

IF YOU ARE INTERESTED AND HAVE ANY INQUIRIES DONT HESITATE TO CONTACT US THROUGH OUR SOCIAL MEDIA AS SHOWN BELOW

@biosmarteam @biomassuitm 013 2425295 (Amelia) 011-1634 4126 (Zulaikha)



FEED THE HOMELESS

FEED THE HOMELESS IS A COLLABORATIVE PROJECT BETWEEN BIOSMARTEAM AND BIOMASS FROM FACULTY OF APPLIED SCIENCE WITH AN NGO, WARUNG MAKAN SAHABAT KUALA LUMPUR

@biosmarteam @biomassuitm 011-1634 4126 (Zulaikha) 013-242 5295 (Amelia)

BIOSMARTEAM FSG WEBINAR HIGHLIGHTED MALAYAN TAPIR CONSERVATION

"Webinar Tapir Day Talk" was the first ever webinar organised by Biosmarteam (BST) of the Faculty of Applied Sciences (FSG), UiTM Shah Alam. The programme was held on 30 April 2021 with the aim to raise awareness on the importance of Malayan tapir conservation. The event was conducted via Google Meet from 3.00 to 5.00 p.m., and attended by a total of 90 participants comprising BST committee members as well as students and lecturers of FSG.

The programme started with a sharing session by two invited speakers namely Mr Mohd Sanusi Mohamed, the Project Manager of Copenhagen Zoo Malaysia, and Mr Mohd Adli Ahmad, Head of the Centre (Wildlife Officer) of the Sungai Dusun Wildlife Conservation Centre in Selangor. Both speakers introduced and shared the conservation efforts of the Malayan tapir, which are vital to protect the endangered species. The event continued with a Q&A session and a Kahoot! game. A programme such as this should be conducted more in the future to educate the community on their responsibility in ensuring the safety and protection of wildlife.



BERSEMPENA DENGAN HARI TAPIR SEDUNIA
WEBINAR TAPIR DAY TALK
*Khas kepada pelajar FSG UiTM Shah Alam

Butiran Program:
Tarikh: 30 April 2021
Hari: Jumaat
Masa: 3.00 p.m. - 5.00 p.m.
Medium: Google Meet

3 Sesi akan Diadakan:-

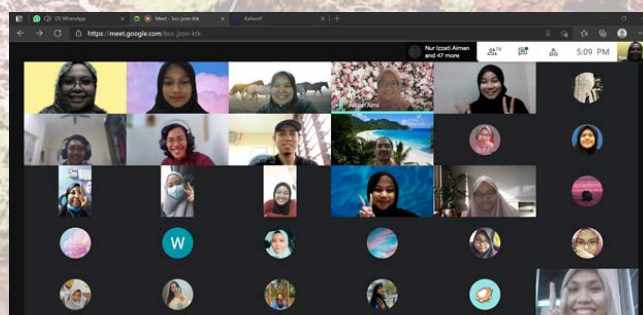
1. Sesi perkongsian daripada:-
 - i) **Encik Mohd Sanusi bin Mohamed**, Pengurus Projek Copenhagen Zoo (Malaysia)
 - ii) **Encik Mohd Adli bin Ahmad**, Ketua Pusat (Pegawai Hidupan Liar) Pusat Konservasi Hidupan Liar Sg. Dusun
2. Sesi Soal Jawab
3. Bermain game **Kahoot!**

Peserta akan berpeluang untuk mendapat hadiah berbentuk
Wang Tunai
untuk 3 pemenang utama daripada sesi Kahoot!

UiTM di hati

***E-sijil disediakan!!!**

@BIOSMARTEAM
@BIOSMARTEAM





FSG WON MULTIPLE AWARDS

Faculty of Applied Sciences (FSG) is blessed with dedicated and talented academic, administrative and laboratory staff. Their unwavering support and commitments are translated into outstanding accomplishments that the faculty has received throughout the first half of 2021. FSG won the Global Prominence Award 2020, THE Awards UiTM 2021 and was selected as the finalist in Operational Excellence UiTM 2020



GLOBAL PROMINENCE AWARD 2020

The award was presented to FSG for its outstanding internationalization activities in 2020.

THE AWARDS UiTM 2021

**WORKPLACE OF THE YEAR
LEADERSHIP AND MANAGEMENT TEAM
OF THE YEAR**

FSG has demonstrated the greatest breadth and depth of leadership and management skills and shows exceptional commitment to creating a positive environment for both incoming and existing staff.



FINALIST IN OPERATIONAL EXCELLENCE UiTM 2020

TWO CATEGORIES

Academic - Procedure on the Operation and Evaluation of Industrial Training

Financial - Procedure on Procurement Management



BEST PAPER AWARDS



TAHNIAH

NASHWA MOHD IDRIS, PROF MADYA TS DR. TS ZETY SHARIZAT HAMIDI, PROF MADYA DR NUR NAFHATUN MD SHARIFF, NURAIN MOHAMAD ANSOR & SHARIFAH NUR AFIFAH SYED ZAIFUL HAMZAH
pemenang

BEST PAPER AWARD

A Study on Solar Radio Burst Associated with Highest Solar Flare during Solar Cycle 24
dalam

International Conference on Contemporary Islamic Studies (ICIS 2021)
8 JUN 2021

UITM di Anika <https://fsg.uitm.edu.my> fsg_uitm Fakulti Sains Gunaan UTM Shah Alam
Faculty of Applied Sciences, UTM Shah Alam FSG_UTM Faculty of Applied Sciences (FSG)

Congratulations to Associate Professor Ts. Dr Zety Sharizat Hamidi and her team for winning Best Paper Award at the International Conference on Contemporary Islamic Studies (ICIS 2021).



TAHNIAH

EN NASHA'IE BIN ZAINUDDIN
pemenang

BEST PAPER AWARD & SILVER AWARD

INOVASI SIMPLY CURVE: ALAT BANTU MENGAJAR DALAM PEMBUATAN POLA PAKAIAN
dalam

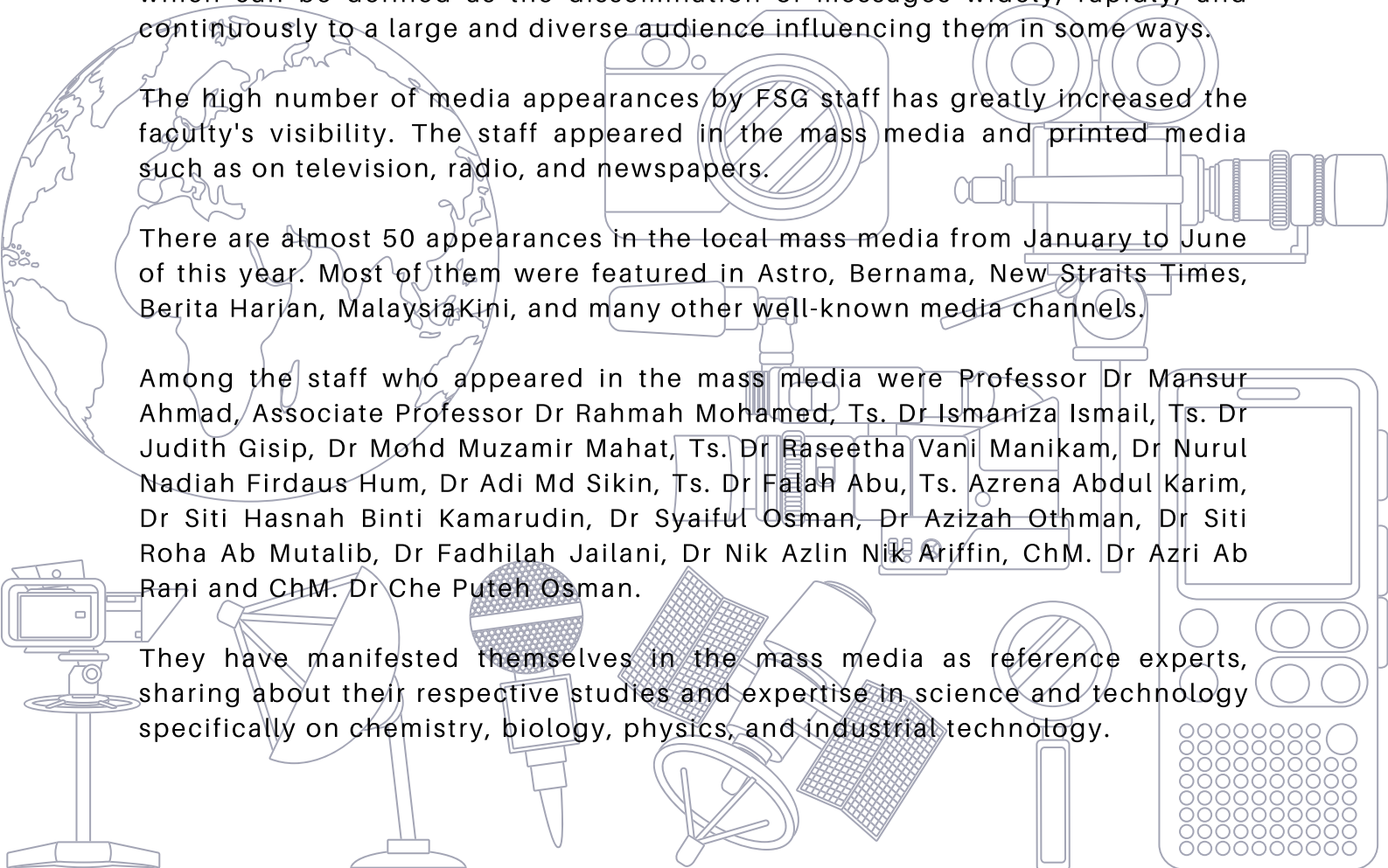
INTERNATIONAL INNOVATION ARSVOT MALAYSIA (IAM 2021)
anjuran

Association for Researcher of Skills and Vocational Training (ARSVOT)
Kementerian Sumber Manusia Malaysia

10 April 2021

UITM di Anika <https://fsg.uitm.edu.my> fsg_uitm Fakulti Sains Gunaan UTM Shah Alam
Faculty of Applied Sciences, UTM Shah Alam FSG_UTM Faculty of Applied Sciences (FSG)

Congratulations to Mr Nasa'ie Zainuddin for winning Best Paper Award and Silver Award at the International Innovation ARSVOT Malaysia (IAM 2021) organised by the Association for Researchers of Skills and Vocational Training (ARSVOT), Ministry of Human Resources Malaysia, on 10 April 2021.



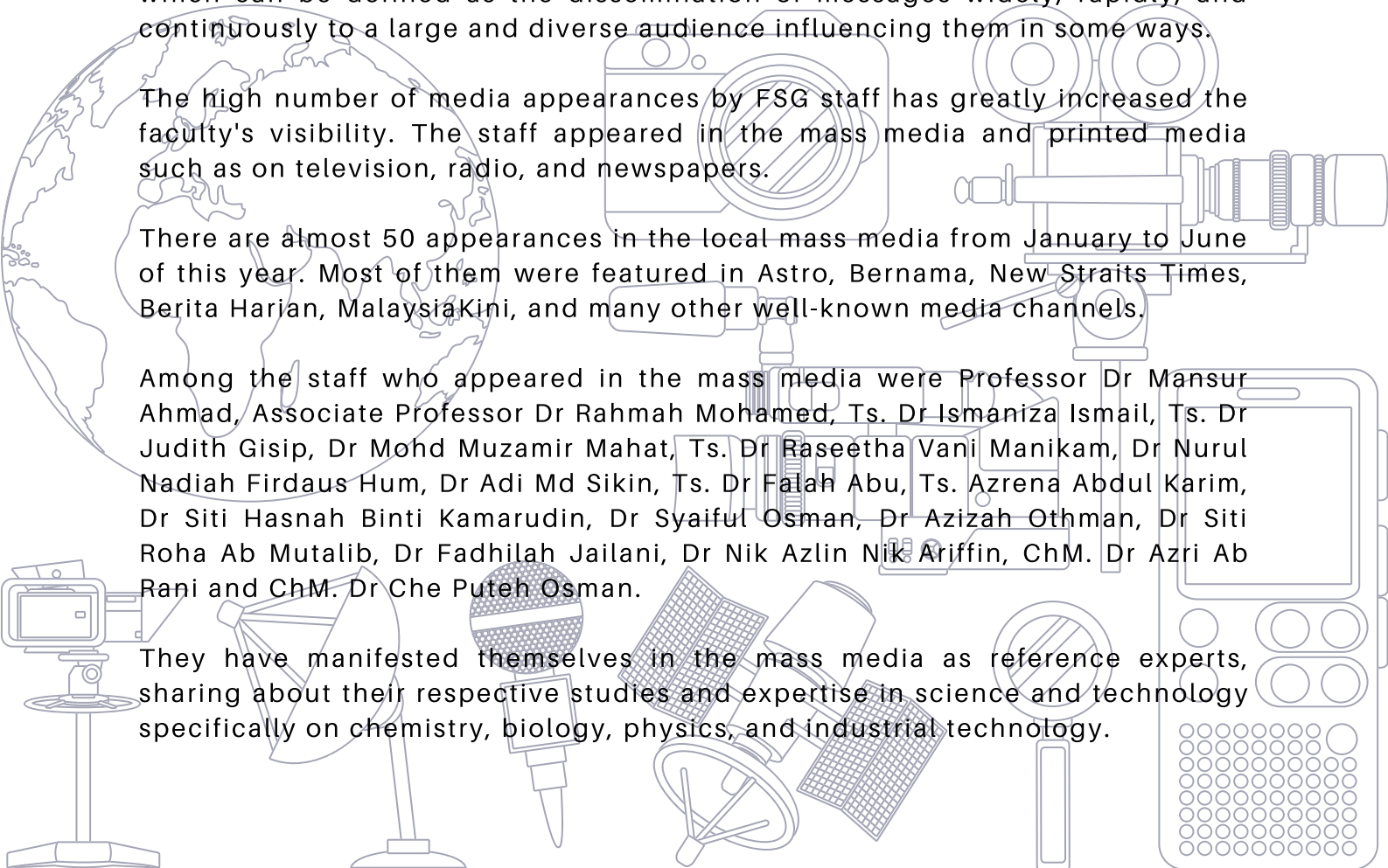
which can be utilized as the dissemination of messages widely, rapidly, and continuously to a large and diverse audience influencing them in some ways.

The high number of media appearances by FSG staff has greatly increased the faculty's visibility. The staff appeared in the mass media and printed media such as on television, radio, and newspapers.

There are almost 50 appearances in the local mass media from January to June of this year. Most of them were featured in Astro, Bernama, New Straits Times, Berita Harian, MalaysiaKini, and many other well-known media channels.

Among the staff who appeared in the mass media were Professor Dr Mansur Ahmad, Associate Professor Dr Rahmah Mohamed, Ts. Dr Ismaniza Ismail, Ts. Dr Judith Gisip, Dr Mohd Muzamir Mahat, Ts. Dr Raseetha Vani Manikam, Dr Nurul Nadiyah Firdaus Hum, Dr Adi Md Sikin, Ts. Dr Falah Abu, Ts. Azrena Abdul Karim, Dr Siti Hasnah Binti Kamarudin, Dr Syaiful Osman, Dr Azizah Othman, Dr Siti Roha Ab Mutalib, Dr Fadhilah Jailani, Dr Nik Azlin Nik Ariffin, ChM. Dr Azri Ab Rani and ChM. Dr Che Puteh Osman.

They have manifested themselves in the mass media as reference experts, sharing about their respective studies and expertise in science and technology specifically on chemistry, biology, physics, and industrial technology.



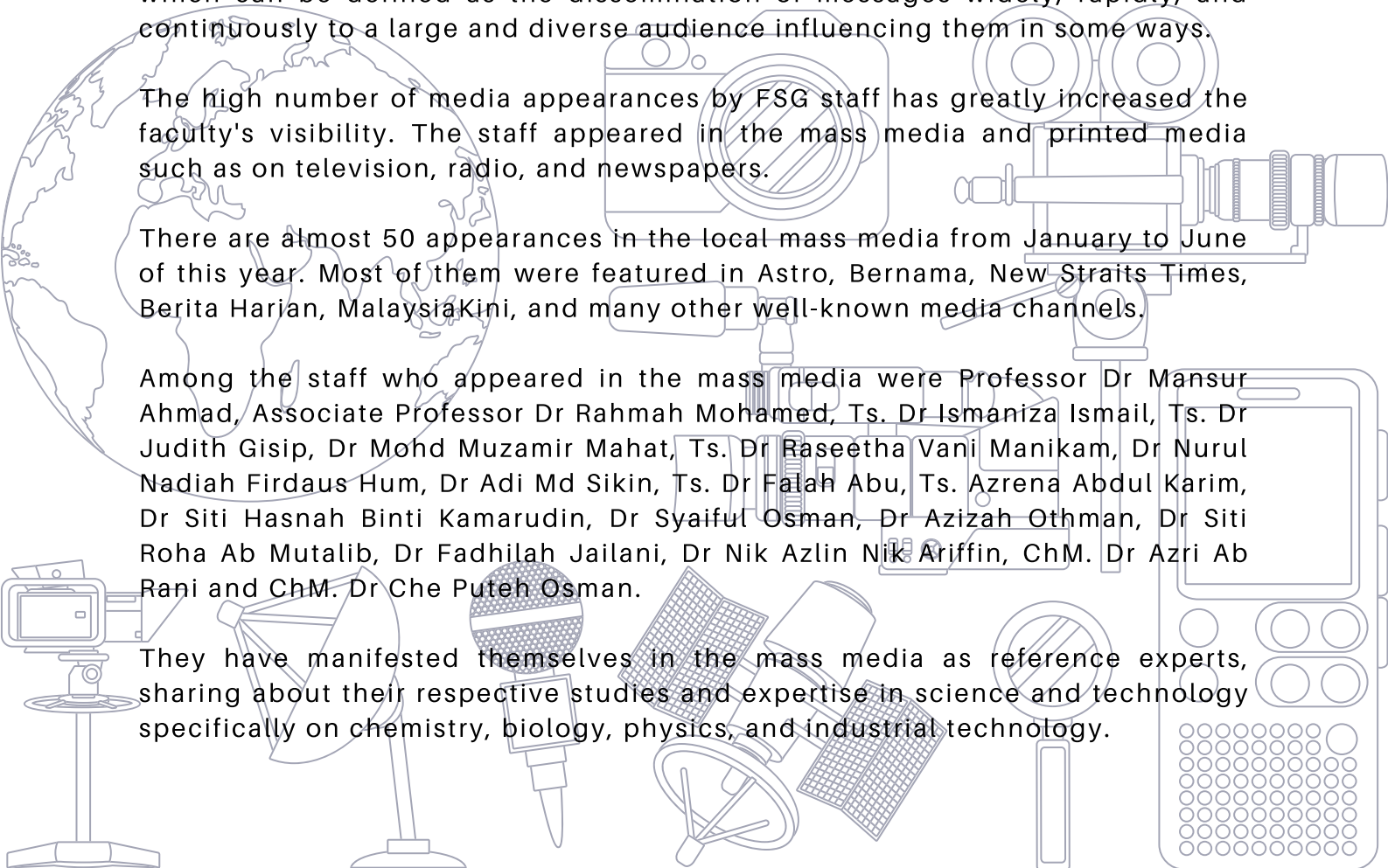
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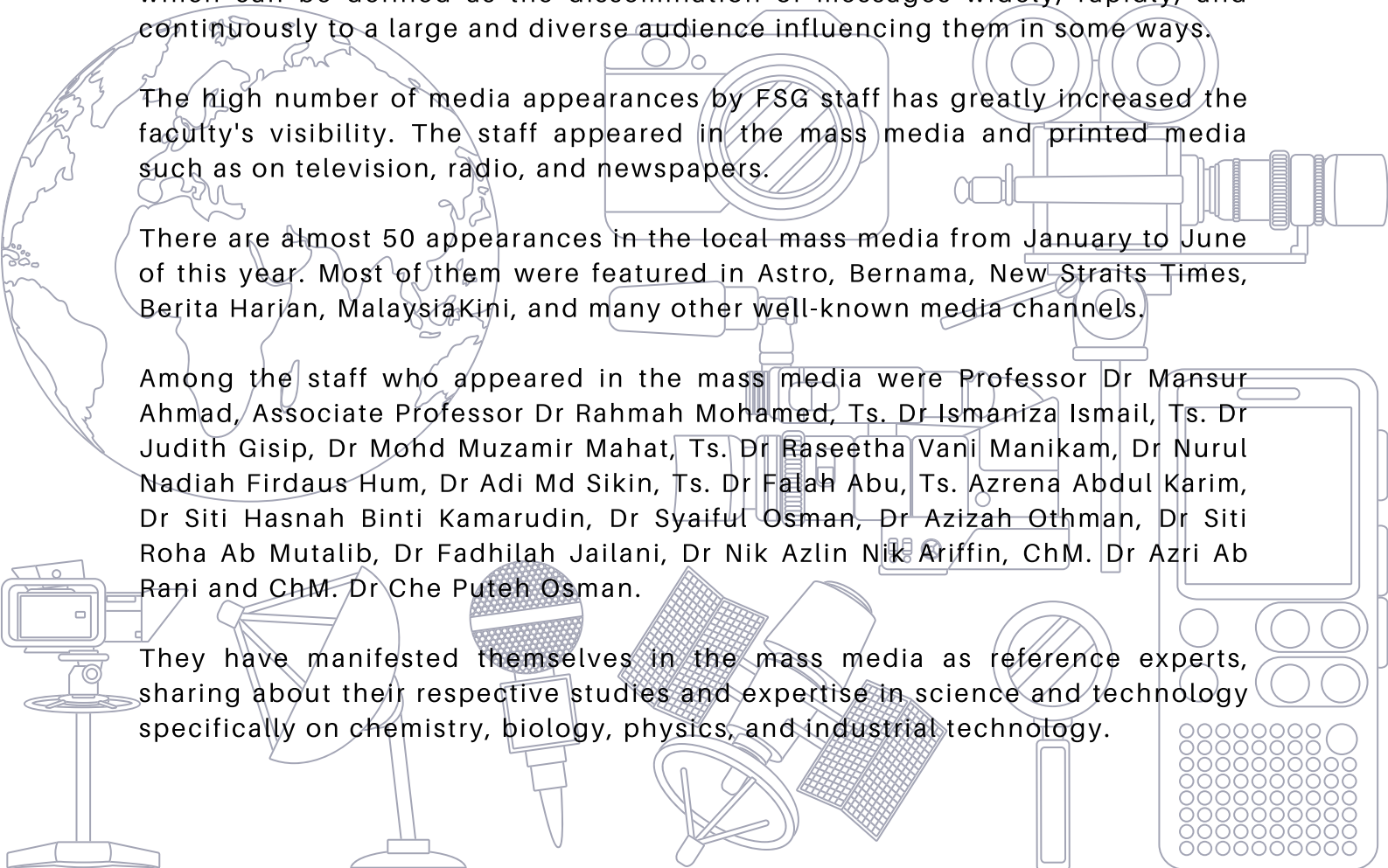
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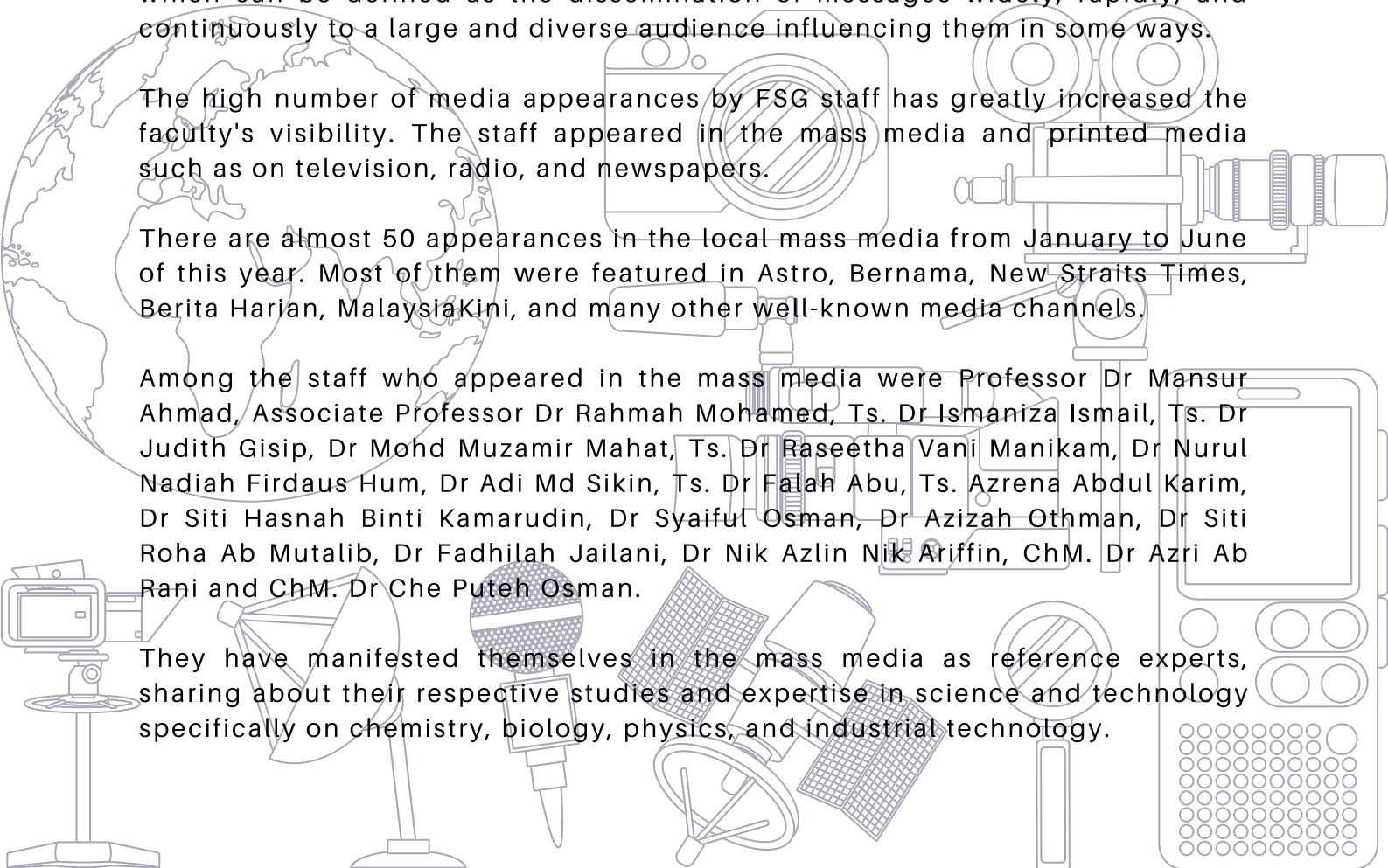
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Kekal sihat dan bertenaga di bulan puasa

Ts. Dr Raseetha Vani Siva Manikam
Koresponden BERNAMA



From lab to market bersama pengasas produk UiTM (Dr Azri's Perfume)

ChM. Dr Azri Ab Rani
UFM Radio



Rahsia kecantikan melalui cara pemakanan

Ts. Dr Raseetha Vani Siva Manikam
Bernama TV



Kepentingan menjaga alam sekitar

Dr Nik Azlin Nik Ariffin
Berita Perdana RTM



Tips pemilihan makanan ketika berbuka puasa

Dr Azizah Othman
Buletin Didik TV



Tahap kebersihan sungai kita

Dr Nurul Nadiah Firdaus Hum & Ts.
Dr Ismaniza Ismail
Bernama Radio



Kebaikan bunga telang

ChM. Dr Che Puteh Osman
Majalah TV3

COVID-19

Unite to overcome pandemic

THE surge of Covid-19 cases in Malaysia has put us all in an emergency mode.

We must unite to combat the pandemic and rethink the way we live in the new normal. Although vaccines will arrive soon, we should never let our guard down.

The floods have forced nearly 50,000 people to evacuate and at least six deaths have been reported. This has put an additional burden on the authorities in the fight against the pandemic.

We should focus on prevention and control to contain the spread of Covid-19. The challenge is to ensure a balance between reviving the economy and saving lives.

Education is an important aspect. Our children long to study in schools and mix with friends. All of these are now a distant memory.

Parents are uncertain about sending their children to school. The authorities should formulate a



Our frontliners need all the help they can get.

plan to boost school safety.

People need to remain calm in these challenging times. The pandemic has put a strain on our medical services. Thus, we must help the frontliners in any way possible.

We cannot afford to be in this situation for another year. We must bring this fight to an end. Unity is what is needed to overcome the pandemic.

DR JUDITH GISIP

Senior lecturer,
Eco-Technology Programme,
Faculty of Applied Sciences, UiTM

Unite to overcome pandemic

Ts. Dr Judith Gisip

New Straits Times

PR Value: RM5357

Surviving pandemic through innovation

January 22, 2021 @ 12:00am



Surviving pandemic through innovation

Ts. Dr Judith Gisip

New Straits Times

PR Value: RM5205



Pentingnya pengurusan ergonomik

Ts. Dr Ismaniza Ismail

Harian Metro

PR Value: RM66478



Kreativiti tingkat kebolehpasaran graduan era pandemik

Ts. Dr Ismaniza Ismail & Ts. Mohd Rafizi Rahmad

Berita Harian

PR Value: RM15464

A planet in distress with discarded face masks, disposable plastics

By Dr Fadzli Irwan Baharudin, Dr Sarah Suib, Dr Mohd Muzamir Mahat • March 8, 2021 @ 1:50pm



The substantial increase in plastic waste during the Covid-19 pandemic has further complicated our battle in reducing plastic pollution. - NSTP/FILE pic

March marks one year two months since the World Health Organisation (WHO) received reports on the Covid-19 outbreak in China before it became a pandemic.

Prior to that, there was a surge of intervention in plastic usage. In particular, campaigns to reduce disposable plastic products were launched by business premises, local authorities and non-governmental organisations.

For example, many retailers have charged fees for shopping bags, and eateries have ditched plastic food

A planet distress with discarded face masks, disposable plastics

Dr Fadzli Irwan Baharudin, Dr Sarah Suib & Dr Mohd Muzamir Mahat

New Straits Times

PR Value: RM7324



Gaji tak cukup punca tekanan darah tinggi

Ts. Dr Raseetha Vani Siva Manikam Nasional



BERITA

Hanya 53 peratus lembangan sungai di M'sia dikelaskan bersih



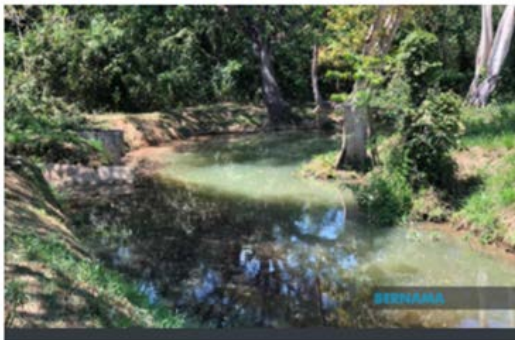
Diterbitkan 22 Mar 2021, 8:24 pm

A* A-

Hanya 53 peratus lembangan sungai di Malaysia dikelaskan sebagai sungai bersih, manakala 42 peratus adalah sungai tercemar dan bakinya dikategorikan sebagai tercemar teruk, kongsi dua pensyarah kanan Universiti Teknologi MARA (UiTM) hari ini.

Menurut Ts Dr Ismaniza Ismail dan Dr Nurul Nadiah Mohd Firdaus Hum, pensyarah di Pusat Pengajian Kimia dan Persekitaran Fakulti Sains Gunaan,

Hanya 53 peratus lembangan sungai di Malaysia dikelaskan bersih



22/03/2021 05:42 PM

42 peratus sungai Malaysia tercemar

Kuala Lumpur: Hanya 53 peratus lembangan sungai di Malaysia dikelaskan sebagai sungai bersih manakala 42 peratus adalah sungai tercemar dan bakinya dikategorikan sebagai tercemar teruk.

Menurut dua pensyarah kanan Universiti Teknologi Mara (UiTM), Ts Dr Ismaniza Ismail dan Dr Nurul Nadiah Mohd Firdaus Hum, sejak akhir-akhir ini, kes pencemaran sungai juga dilihat semakin berleluasa sehingga mengakibatkan gangguan bekalan air bersih.

Mereka yang juga pensyarah di Pusat Pengajian Kimia dan Persekitaran Fakulti Sains Gunaan, berpandangan situasi itu berlaku berikutan masih kurangnya pendidikan dan kesedaran orang ramai berhubung kelestarian sungai serta ba-

gaimana menguruskan sungai bagi memastikan kualiti air sungai terjamin.

"Umpama sambutan ulang tahun, tahun ini menyaksikan Sungai Kim Kim di Johor tercemar kembali. Aduan penduduk setempat dan hasil pengawasan Jabatan Alam Sekitar (Jas) mendapati bahan pencemar dan sisa kimia masih di paras yang membimbangkan.

"Di negeri Selangor pula, pencemaran sungai menjadi polemik kerana sering dibabitkan dengan gangguan bekalan air. Rata-rata boleh dikatakan selang beberapa bulan akan ada kes yang membabitkan pencemaran air sungai dan bekalan air.

"Sektor industri dan masyarakat setempat mula terjejas akibat gangguan air yang berterusan," kata mereka.

Hanya 53 peratus lembangan sungai di M'sia dikelaskan bersih

Ts. Dr Ismaniza Ismail & Dr Nurul Nadiah Firdaus Hum
Malaysia Kini

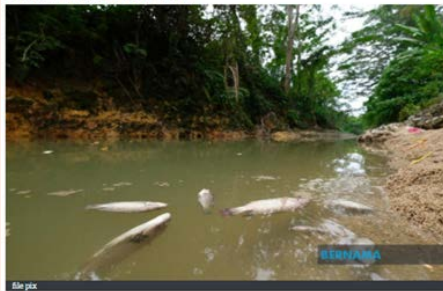
Hanya 53 peratus lembangan sungai di Malaysia dikelaskan bersih

Ts. Dr Ismaniza Ismail & Dr Nurul Nadiah Firdaus Hum
Bernama

42 peratus sungai Malaysia tercemar

Ts. Dr Ismaniza Ismail & Dr Nurul Nadiah Firdaus Hum
Harian Metro
PR Value: RM 4003

Tercemarnya Hari Air Sedunia dengan Pencemaran Sungai Yang Berterusan



File pix 22/03/2021 12:28 PM

Pendapat mengenai pelbagai isu semasa daripada peneraju pemikiran, kolunis dan pengarang.

Oleh : Ts. Dr. Ismaniza Ismail dan Dr. Nurul Nadiah Mohd Firdaus Hum

'Sungai nadi kehidupan'- frasa yang serino kita denar dalam kemoen penajaan alam

Tercemarnya Hari Air Sedunia dengan pencemaran sungai yang berterusan

Ts. Dr Ismaniza Ismail

Bernama

Ensuring our eggs are safe

March 24, 2021 @ 12:05pm



Hygiene and sanitation practices at chicken farms must be strictly monitored to ensure no more bacterial contamination of eggs. FILE PIC

LETTERS: Food businesses in Malaysia have been affected by the interstate travel ban and restricted border controls due to Covid-19.

This situation has probably gone down to a new low with the recent reports of Salmonella contamination in eggs imported from Malaysia in Singapore.

Ensuring our eggs are safe

Dr Adi Md Sikin

New Straits Times

PR Value: RM11686

Bazaar traders must follow strict SOP to avoid food poisoning cases

April 9, 2021 @ 10:01am



Photo shows a Ramadan bazaar (Iftar bazaar). Post-pandemic, there is a need to monitor bazaar traders' hygiene compliance to reduce the burden of the hospitals handling Covid-19 cases. -NSTP File pic

LETTERS: To boost the economy, Ramadan bazaars will make a return this year. However, Housing and Local Government Minister Datuk Zuraida Kamaruddin said bazaar traders must adhere to stricter standard operating procedures (SOP) set by the National Security Council.

Bazaar traders must follow strict SOP to avoid food poisoning cases

Dr Adi Md Sikin

New Straits Times

PR Value: RM4320

Paving the way for a resilient, responsible society

April 15, 2021 @ 12:31pm



The Faculty of Applied Sciences of Universiti Teknologi Mara (UTM), Shah Alam, will be organising 'The Eco-Technology Programme' in September. -NSTP File pic

LETTERS: The public is well aware that the Covid-19 pandemic has hit the world community and had an impact on the environment, lifestyle, economy and employment.

Governments and non-governmental organisations (NGOs) are intensifying efforts to revive the economy. Also participating in this effort is the science and technology sector.

On that basis, the Faculty of Applied Sciences of Universiti Teknologi Mara (UTM), Shah Alam, will be organising 'The Eco-Technology Programme' in September.

Paving the way for a resilient, responsible society

Ts. Azrena Abdul Karim & Dr Siti Hasnah Kamarudin

New Straits Times

PR Value: RM2532



Lean strategy boosts firms

Ts. Dr Falah Abu & Ts. Dr Judith Gisip
New Straits Times
PR Value: RM9997



51 tahun melestarikan bumi

Dr Nurul Nadiyah Mohd Firdaus Hum & Ts. Dr
Ismaniza Ismail
Sinar Harian
PR Value: RM9074



Circular economy will put less strain on the planet

Professor Dr Mansur Ahmad & Dr Syaiful
Osman
New Straits Times
PR Value: RM5363



Why we need to shift to bioplastics

Associate Professor Dr Rahmah Mohamed
New Straits Times
PR Value: RM 11 299

COVID-19: Fast-forwarding renewable resources 10 years into the future

Azrena Karim
April 26, 2021 18:57 MYT



The application of IR 4.0 in addressing the spread of COVID-19 pandemic is indirectly able to make Malaysia a more viable country in innovation and digital technology. - Filepic

COVID-19: Fast-forwarding renewable resources 10 years into the future

Ts. Azrena Abdul Karim
Astro Awani



Inovasi hasilkan sos nanas Josapine

Dr Azizah Othman, Dr Siti Roha Ab
Musalib & Dr Fadhilah Jailani
Utusan Malaysia
PR Value: RM73319

Key skills to survive in post-pandemic world

May 6, 2021 @ 12:01am



Everyone must believe in their ability to thrive beyond the pandemic era. - NSTP/HAIRUL ANUAR RAHIM

Key skills to survive in post-pandemic world

Ts. Dr Judith Gisip
New Straits Times
PR Value: RM9581

Sihatkah rakyat Malaysia Berkerjaya?



File picture



09/06/2021 09:19 AM

Pendapat mengenai pelbagai isu semasa daripada peneraju pemikiran, kolumnis dan

Sihatkah rakyat Malaysia berkerjaya?

Ts. Dr. Raseetha Vani Siva Manikam
Bernama
PR Value: RM3000

Antara Selangor dan Sarawak



Antara Selangor dan Sarawak

Ts. Dr Ismaniza Ismail & Dr
Shawaludin Husin
Harian Metro
PR Value:R M23715

Stable durian prices will benefit consumers

June 18, 2021 @ 12:00am



Technological innovation can increase durian exports by seven per cent. -NSTP/MIKAIL ONG

Stable durian prices will benefit consumers

Dr Adi Md Sikin
New Straits Times
PR Value: RM4466

WEBINARS



TAKLIMAT PERJALANAN MENJADI SEORANG PROFESOR DI UiTM

PROF TS DR ROZIAH MOHD JANOR
TIMBALAN NAIB CANSOLOR AKADEMIK DAN ANTARABANGSA

PROF DR AHMAD SAZALI HAMZAH
REKTOR KAMPUS CAWANGAN SELANGOR
PENGURUSI MAJLIS PROFESOR UiTM

15 MAC 2021 ISNIN 9.00 – 11.00 PAGI

<https://fsg.uitm.edu.my> fsg_uitm Fakulti Sains Gunaan UiTM Shah Alam
 Faculty of Applied Sciences, UiTM Shah Alam FSG_UiTM Faculty of Applied Sciences (FSG)



Stay Motivated - WEEKLY SHARING SESSION with 5★ UiTM RG & RIG Webinar SERIES 3.0/2021

Research Webinar

Electrochemical Synthesis of Titania Nanotubes for Energy Conversion
Speaker: ChM. Dr Lim Ying Chin
Electrochemical Materials & Sensors Research Group (EMSS)
Faculty of Applied Sciences
University Technology MARA

Making Sense of Electrochemical Sensors in Bioanalysis
Speaker: Assoc. Prof. ChM. Dr Zainiharyati Mohd Zain
Head of FSG
Electrochemical Materials & Sensors Research Group (EMSS)
Faculty of Applied Sciences
University Technology MARA

Friday, 09 April 2021 | 10.00 am- 11.30 am

<https://meet.google.com/yyy-jnoj-lxm>
<https://www.facebook.com/tncpluitm/live/>

Everyone is invited to join this webinar

[#tncpluitm](#) [#fsg_uitm](#) [#fsg_uitm](#) [#fsg_uitm](#) [#fsg_uitm](#) [#fsg_uitm](#) [#fsg_uitm](#) [#fsg_uitm](#)



ANDA BUNTU? Jom Kami Bantu!

YOUTUBE LIVE: Fakulti Sains Gunaan UiTM Shah Alam

AMBILAN SEPTEMBER 2021

WEBINAR bersama FAKULTI SAINS GUNAAN UiTM

LEPASAN SPM/ Matrikulasi/ ASASI

21 MAC 2021 (AHAD)
11.00 AM - 12.30 PM
<http://tiny.cc/MisiAkademikFSG2021>

• SENARAI PROGRAM IJAZAH
 • SARJANA MUDA DI FSG
 • DESKRIPSI SETIAP PROGRAM
 • SESI SOAL JAWAB

<https://fsg.uitm.edu.my> fsg_uitm Fakulti Sains Gunaan UiTM Shah Alam
 Faculty of Applied Sciences, UiTM Shah Alam FSG_UiTM Faculty of Applied Sciences (FSG)

WEBEX

WEBINARS

Kulliyah of Languages and Management, IUM Pagoh

Minggu Citra Bahasa membawakan sebuah webinar

ESTETIKA & KEINDAHAN PAKAIAN PENGANTIN MELAYU

27 MAC 2021 (SABTU) || 9:00 PM - 10:30 PM

TERBUKA UNTUK SEMUA

PEMUDAH CARA



SR. HAZIRAH RIZAL
Pelajar ARCOM,
KLM IUM Pagoh

PENCERAMAH



EN. NASA'IE ZAINUDDIN
Pensyarah Sains Tekstil & Teknologi Fesyen,
UTM Shah Alam

SR. AISYAH: 017-557 3845 || SR. IKA: 018-378 4285

@anjungmelayu

**Friday,
March 5th, 2021**
2.30 PM - 4.00 PM

New Generation Photovoltaic Modules

- New era 210 mm based high efficiency PV modules
- All the fuss about bifaciality & optimisation
- Understanding the new datasheets
- Real life applications of the new modules

meet.google.com/lxm-pvvh-jtn

YouTube Live: <http://tiny.cc/YouTubeFSG>

Time	Agenda
14:30	Registration of participant
14:45	Welcoming by: Assoc. Prof. Dr. Hisham Zainuddin
14:50	Launching by: Prof. Dr. Mohd Marwan Ali
14:55	Presentation by: Ms. Goh Yoke Mun
15:15	Question & Answer and Open Discussion Moderated by: Prof. Hisham Zainuddin
15:30	Closing and adjourn

Ms. Goh Yoke Mun
Regional Sales Manager
Canadian Solar South East
Asia Pte. Ltd. Singapore

OPEN & FREE TO ALL
Training hours are provided
(for UTM staff only)

Organized by
Solar Photovoltaic Energy Conversion
Technology Research Applications
(SPECTRA) Group

SPECTRA
Green Energy Research Centre (GERC) Group

Contact Person:
Nor Hisham Abdul Rahman
Mobile: 012-278 8170
Email: noorhisham@utm.edu.my

UTM **Malaysia**
Faculty of Applied Sciences, UTM Skudai

WEBINARS

**UNIVIE-UiTM
VIRTUAL SEMINAR**

PROF DR PETER LIEBERZEIT
MOLECULARLY IMPRINTED POLYMERS IN SENSING AND BEYOND

PROF DR HADARIAH BAHRON
FASCINATING CHEMISTRY OF IMINES WITH METALS AND THEIR OFFSPRINGS THEREOF

ASSIST PROF DR JIA MIN CHIN
MOF MATERIALS AND POTENTIAL APPLICATIONS

ASSOC PROF DR KARIMAH KASSIM **DR AMALINA MOHD TAJUDDIN**
VERSATILE APPLICATIONS OF N, S, O DONOR LIGANDS AND THEIR METAL COMPLEXES

DR ROBERT WOODWARD
HYPERCROSSLINKED POLYMERS FOR APPLICATIONS IN SEPARATION AND CATALYSIS

DR MOHD MUZAMIR MAHAT
CONDUCTING POLYMERS: TOWARDS WEARABLE BIOELECTRONICS APPLICATIONS

PROF DR FREDDY KLEITZ
MESOPOROUS OXIDES AND ORGANIC-INORGANIC HYBRID MATERIALS FOR CATALYSIS, SEPARATION AND DRUG DELIVERY

26 MAY 2021 WEDNESDAY 3.00 PM- 6.00 PM (MYT)
ZOOM LINK: [HTTP://TINY.CC/VIRTUALSEMINARUNIVIE](http://tiny.cc/virtualseminarunivie) (PASSCODE: 600483)

ORGANIZED BY
COORDINATION CHEMISTRY GROUP (CCG), UiTM &
UNIVERSITY OF VIENNA (UNIVIE)

DR SHAHRIL NIZAM AHMAD
MODERATOR

GLOBAL WOMEN'S BREAKFAST 2021
NASI LEMAK AND TEH TARIK WITH WOMEN CHEMISTS @ UiTM
Empowering Diversity in Science

Terjem

CNM DR HAZARUDIN MOHAMED @ ISRAJAHIM
DIRECTOR, ENVIRONMENTAL QUALITY DIVISION
CHEMISTRY DEPARTMENT OF MALAYSIA

CNM DR NURUL IZZA HOSNIN
CONSULTANT AND TECHNOLOGY
INNOVATOR OF ENVIROTECH
SIRIM BERHAD

PROF TS CNM DR CHAN CHEN HAN
COUNCIL MEMBER
MALAYSIAN INSTITUTE OF CHEMISTRY (MIK)

MODERATOR
CNM DR LIM YING CHIN
SENIOR LECTURER
SCHOOL OF CHEMISTRY AND ENVIRONMENT

Special Appearance from Alumni
MEL LITANIA SHANIRA ARSHAD
PROTECTIVE ENGINEER AND CRISIS MANAGER
REGENSBURG, GERMANY

MEETING LINK
FEB 9, 2021 (TUESDAY)
9 - 11 AM
CISCO WEBEX PLATFORM:
[HTTP://TINY.CC/GW8UITM2021](http://tiny.cc/gw8uitm2021)

ATTENDANCE

Jan Laitan Disediakan

SCHOOL OF CHEMISTRY AND ENVIRONMENT, FSG

**MAKLUMAN TERKINI PENGURUSAN
STAF, PELAJAR DAN AKADEMIK**

25 Mei 2021
Selasa
2.00 petang (Staf)
3.00 petang (Pelajar)

Cisco Webex:
<http://tiny.cc/StaffFSG>
<http://tiny.cc/PelajarFSG>

STAF **PELAJAR**

UiTM di hatiku <https://fsg.uitm.edu.my> fsg.uitm fsg.uitm
Faculty of Applied Sciences, UiTM Shah Alam Faculty of Applied Sciences (FSG)

**MAKLUMAN KEPADA STAF FSG
BERKAITAN PELAKSANAAN KULIAH
DAN KEMASUKAN PELAJAR KE
FAKULTI/KAMPUS PADA
SEMESTER 2 2020/2021 (MAC)**

26 Februari 2021 (Jumaat)
2.45- 3.45 petang
Cisco Webex:
<http://tiny.cc/TaklimatKuliahSem2Mac2021>

**PROF DR HAJAH FARIDA ZURAINA
MOHD YUSOF**

UiTM di hatiku <https://fsg.uitm.edu.my> fsg.uitm fsg.uitm
Faculty of Applied Sciences, UiTM Shah Alam Faculty of Applied Sciences (FSG)

WEBINARS

PTNCPI COFFEE TALK 1.0

Stop Procrastinating: START WRITING

1 JULY 2021 (THURSDAY)
9.00 AM - 12.00 PM
via virtual on

PANELISTS

PROF. DR. AHMAD SAZALI HANMAN
Rector, UTM-Campus Seremban
Chair of UTM Council of Professors

PROF. DATI DR. ABU BAKAR ABDUL MAJEED
Director of Research Management Centre, UTM

PROF. DR. NOORHANI MO. TAMER
Director of Research Nexus, UTM, UTM

PROF. DR. HILMI FARIDA ZURIANA MOHD YUSOF
Dean, Faculty of Applied Sciences, UTM

Opening Remarks:
PROF. TS. DR. MOHD NAZIP SURATMAN
Deputy Vice-Chancellor (Research & Innovation)
UTM

Organized by: **Perpustakaan Tun Abdul Razak**

For more information contact:
Mr Mohd Ismail (ismailabidin@uitm.edu.my) | Mr Mohd Hazrul (hazrul@uitm.edu.my) or Whatsapp: +603-55443 8581

GREY OYSTER MUSHROOM: FUNCTIONAL FOOD FOR HEALTH

Date: 10 July 2021 (Saturday)
9.30 am to 11.30 am
Online Zoom Webinar

Chairperson:
Assoc. Prof. Dr. Tan Yee Shin (UM)

TOPICS:

- Oyster Mushroom: An Overview
- Health Benefits of Grey Oyster Mushroom
- Development of Grey Oyster Mushroom Based Functional Food
- Grey Oyster Mushroom As Functional Food: Consumer's Perspectives
- Grey Oyster Mushroom: Position in Food Pyramide
- Opportunities in Grey Oyster Mushroom Industry
- Development of Grey Oyster Mushroom Based Snippet

Organized by: **Perpustakaan Tun Abdul Razak**

For more information contact:
Mr Mohd Ismail (ismailabidin@uitm.edu.my) | Mr Mohd Hazrul (hazrul@uitm.edu.my) or Whatsapp: +603-55443 8581

Scopus

ADVANCE LITERATURE SEARCH USING SCOPUS (LSC 200)

MODUL OVERVIEW:

- WHAT'S NEW WITH SCOPUS
- SEARCH AND ANALYZE TOPICAL AREA IN SCOPUS
- HOW TO FIND HIGH IMPACT TITLES IN SCOPUS
- HOW TO USE SCOPUS ANALYTICS IN YOUR RESEARCH
- HOW TO FIND SCOPUS ID AND ORCID ID (TO BE REGISTER IN PRISMA SYSTEM)

DATE: 26 FEBRUARI 2021 (FRIDAY)
TIME: 9:00 am - 11:00 am
Via: WEBEX

Organized by:
Perpustakaan Tun Abdul Razak and Faculty of Applied Sciences

For more information contact:
Mr Mohd Ismail (ismailabidin@uitm.edu.my) | Mr Mohd Hazrul (hazrul@uitm.edu.my) or Whatsapp: +603-55443 8581

FREE WEBINAR

INORGANIC & BIOINORGANIC CHEMISTRY WEBINAR SERIES 2/2021

DATE: 23rd February 2021 (Tuesday)
Time: 10.00 am - 12.00 pm
Medium: <https://meet.google.com/mkt-apti-ptv> (Google Meet)

Co-organizers:

- TARC
- The University of Nottingham
- Universiti Teknologi MARA
- Universiti Kebangsaan Malaysia
- Universiti Sains Malaysia
- Universiti Malaya

EMaS WEBINAR SERIES 2021

Potential of PMFC in Wetlands based on Case Studies in Rice Fields

Speaker:
Dr. Emilius Sudirjo
Head of Sub Division of Social and Government Research and Development at Regional Development Planning Agency, Landak Regency, INDONESIA.

Moderator:
Assoc. Prof. ChM. Dr. Zainiharyati Mohd Zain
Head of RIG
Electrochemical Materials & Sensors Research Group
(EMaS) Faculty of Applied Sciences
Universiti Teknologi MARA, 40450 Shah Alam, Selangor, MALAYSIA

FRIDAY 23 APRIL 2021 • 10.00 AM

Everyone is invited to join

<https://uitm.webex.com/uitm/onstage/g.php?MTID=ed5cc499a-d316763f8434a21b4feefffd>

Organized by: **Perpustakaan Tun Abdul Razak**

For more information contact:
Mr Mohd Ismail (ismailabidin@uitm.edu.my) | Mr Mohd Hazrul (hazrul@uitm.edu.my) or Whatsapp: +603-55443 8581


VISITS

SELAMAT DATANG
KE FAKULTI SAINS GUNAAN
YBhg. Dato' Sri Dr. Hj. Irmohizam Bin Hj. Ibrahim
Ahli Lembaga Pengarah UiTM
SESI PERKONGSIAN
PEMASARAN PRODUK PENYELIDIKAN FSG
11 Januari 2021
2.30 petang
Bilik Mesyuarat A301

UiTM di hatiku | <https://fsg.uitm.edu.my> | fsg.uitm | Fakulti Sains Gunaan UiTM Shah Alam
 Faculty of Applied Sciences, UiTM Shah Alam | FSG-UiTM | Faculty of Applied Sciences (FSG)



FSG welcomed a distinguished guest, YBhg. Dato' Sri Dr Hj Irmohizam Hj Ibrahim, who is also UiTM's Board Member to the faculty on 11 January 2021. Dato' Sri delivered a sharing session on issues pertaining to the commercialisation of FSG research products.



FSG
FEDERAL SCIENCE GROUP
FSG-YOY 2020-2021

School of Chemistry
& Environment



EnvChem 2021

International Virtual Symposium on Environmental and
Green Chemistry for Sustainable Development 2021
"University-Industry Synergy Towards Sustainable Development"



**SCAN
& Register**
<http://bit.ly/2Yz9f8X>

CALL FOR PAPERS

Topics / Areas

- + Environmental Monitoring and Management
- + Environmental Modelling and Technology
- + Pollution Control and Mitigation
- + Climate Change and Sustainable Development
- + Green Chemistry Technique
- + Separation and Purification Technologies
- + Pure and Applied Chemistry

Registration, Submission & Fee

Registration and submission of abstract / fullpaper must be done electronically through registration online system. Symposium fee is USD 15 / RM 60 for single participation / paper.

Symposium Publication

- Scopus indexed proceeding
- Scopus indexed Journal
- Others selected Journal

Remarks: Additional fees are apply

Importance Dates

Science Letters
- WJCTe



Malaysian Journal of Analytical Sciences
Journal of Science (MJAAS) - Scopus



Malaysian Journal of Analytical Sciences
Applied Chemistry



- 01 Feb 2021 : Call for abstract
- 15 Mac 2021 : Notification of acceptance
- 01 Apr 2021 : Camera ready submission
- 15 Apr 2021 : Final registration
- 09 June 2021 : Symposium date

Contact Us: EnvChem 2021 Secretariat
Faculty of Applied Sciences, UTM
envchem@utm.edu.my

2ND INTERNATIONAL PHYSICS AND MATERIALS SCIENCE SYMPOSIUM (PHYMAS2.0)



The Office of Industry, Community and Alumni Network (ICAN) of the Faculty of Applied Sciences (FSG) had taken an excellent initiative to include Virtual Symposium@FSG as part of the "Virtual Colloquium Series (VCS@FSG) 2020" under the University Transformation Division (BTU) programme. This VCS@FSG 2020 is a conference series using a virtual platform comprising four different symposia in the area of Physics & Materials, Biology, Chemistry & Environment, and Industrial Technology.

The "2nd International Physics and Materials Science Symposium (PhyMaS2.0)" was virtually conducted on 27 January 2021 by PhyMaS 2.0 committee, which consisted of academic staff from the School of Physics & Materials Studies and administrative staff of FSG, UiTM Shah Alam. In this symposium, the topics were presented in three areas of research covering all aspects of the development of physics and materials science, including advanced processing technologies, nanostructured polymers, nanocomposites, applied physics, and computational physics.

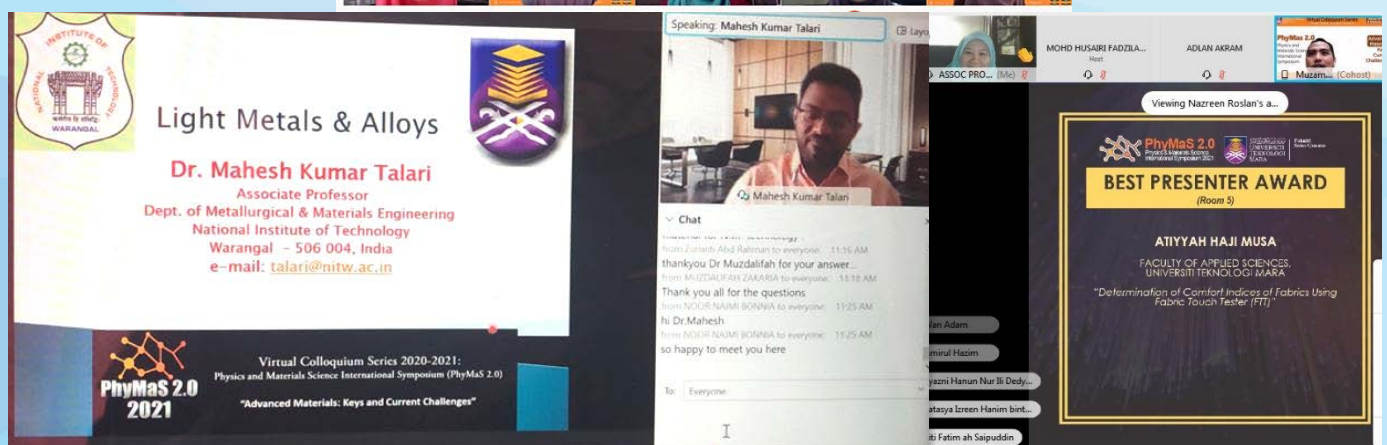
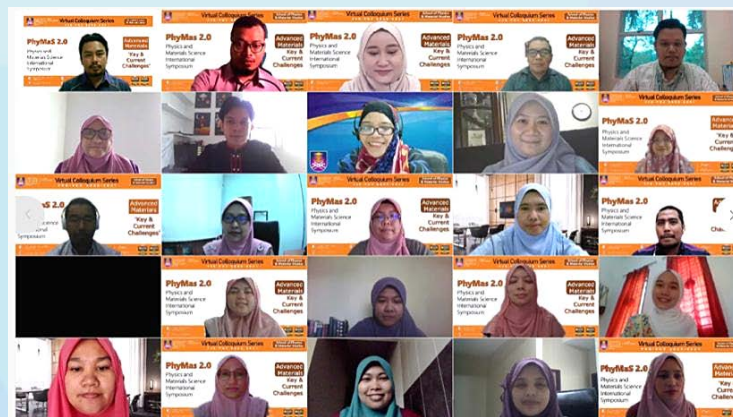
With the theme, "Advanced Materials: Key & Current Challenges", PhyMaS 2.0 aimed to allow researchers to get together, discuss, explore, and share breakthrough ideas related to the knowledge that encompasses recent research advances in various fields of physics and materials science.

PHYMAS2.0

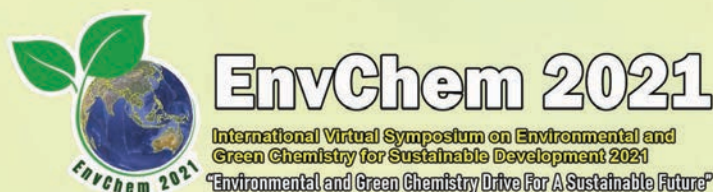
With three keynote speakers, 42 oral presentations, and 7 poster contributions from over 100 participants from all over Malaysia, Indonesia, and India, the success of the conference was attributed foremost to the quality and scope of the technical program which presented the latest trends in physics and materials science. Of the total number of contributions, 30 of these were included as reviewed full papers for AIP Scopus Indexed proceedings volume and also for MyCite Indexed Scientific Research Journals. All participants received an e-certificate and also an abstract e-book as a token of appreciation. Deepest appreciation went to all keynote presenters, Dr Rezal Khairi Ahmad, Chief Executive Officer of NanoMalaysia Bhd., Dr Muzdalifah Zakaria, Principal Scientist at PETRONAS Research Sdn. Bhd. (PRSB), and Assoc Prof Dr Mahesh Kumar Talari from National Institute of Technology, Warangal, India. Their thoughts and ideas had benefited PhyMas 2.0 participants and were the most precious contribution to this event.

Congratulations and many thanks to the committee members for their unwavering commitment to ensure the success of this symposium. This conference would have not been possible without the generous help from the management of FSG, symposium moderators, track chairs, and our postgraduate students, who selflessly contributed to this symposium.

Thank you from PhyMas 2.0 and see you in PhyMas 3.0.



POSITIONING THE SUSTAINABILITY AGENDA THROUGH INTERNATIONAL VIRTUAL SYMPOSIUM ON ENVIRONMENTAL AND GREEN CHEMISTRY FOR SUSTAINABLE DEVELOPMENT 2021 (ENVCHEM2021)



In 2015, world leaders agreed to both the 17 Sustainable Development Goals (SDGs) and the new climate change accord in Paris at COP 21. These milestones give cause for reflection on the role of universities, and in particular, how Universiti Teknologi MARA (UiTM) could contribute to the pressing global priorities of SDGs. By the nature of the university, which is focused on research, innovative teaching and service, and serving the community, the willingness and responsibility are to lead in creating a more sustainable tomorrow through curriculum, research, and services. However, juggling with the unprecedented challenges of the COVID-19 pandemic has restricted most of the study and academic activities.



On 9 June 2021, it was a massive achievement for the "1st International Symposium Environment & Green Chemistry for Sustainable Development (EnvChem2021)", which gathered about 240 participants virtually from various countries. The symposium was organised by the School of Chemistry & Environment, Faculty of Applied Sciences (FSG), UiTM Shah Alam. The symposium was jointly organised by UiTM Green Centre (UGC), UiTM and six international co-organizers from University of Batangas State University, Philippines; University of the Philippines Diliman, Philippines; Institut Teknologi Sepuluh Nopember (ITS), Indonesia; Airlangga University, Indonesia; Sustainable Management Association, Thailand; and University of Krirk, Bangkok, Thailand.

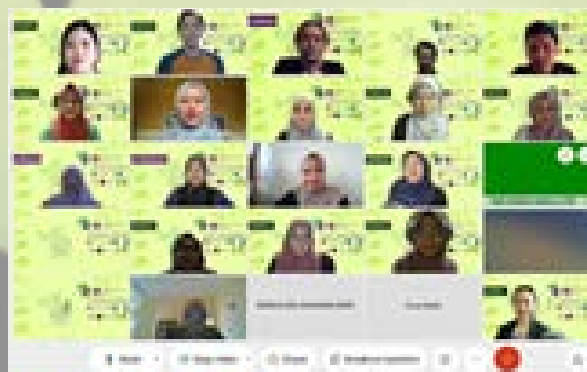
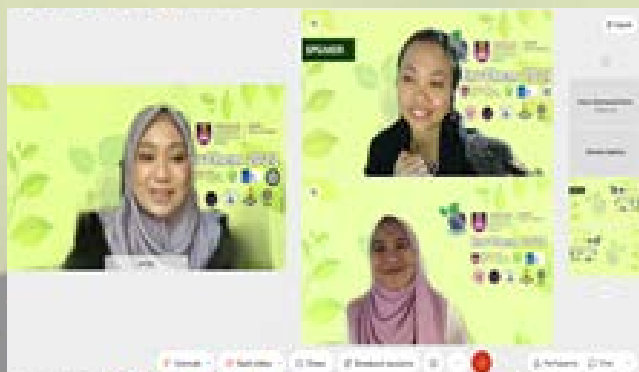


EnvChem2021 had shown significant success and a greater reach internationally. The internationalisation partnership has revived research and academic activities in delivering relevant research output in achieving the SDGs in a global landscape. The theme "Environmental and Green Chemistry Drive for a Sustainable Future" shows the commitment of FSG in materialising the global agenda of the SDGs in UiTM.

A powerful message delivered by the keynote speakers namely Dr Krishna Prasad Vadrevu, Scientist at the NASA Marshall Space Flight Centre, US; Associate Professor Dr Mylene G. Cayetano from College of Science, University of the Philippines in Diliman; Prof Dato' Ts. Dr Mohd Fozi Ali, Deputy Vice-Chancellor, Office of Development (Infrastructure & Infostructure), and professor at Engineering College, UiTM. In addition, 15 parallel sessions had provided avenues to raise and discuss a wide range of research findings and issues related to Environmental Monitoring & Management, Environmental Modelling & Technology, Pollution Control & Mitigation, Climate Change & Sustainable Development, Green Chemistry Techniques, Separation & Purification Technologies and Pure & Applied Chemistry. The symposium had been an excellent opportunity to share experiences and technologies, learn from each other and explore new and future technologies in related areas.

The impactful knowledge from the symposium needs to be disseminated throughout the region, and stakeholders need to continue working together for a sustainable future. Kudos to the local and international organising committee of EnvChem2021!

Conference website: <https://sites.google.com/view/envchem2021/home?authuser=0>

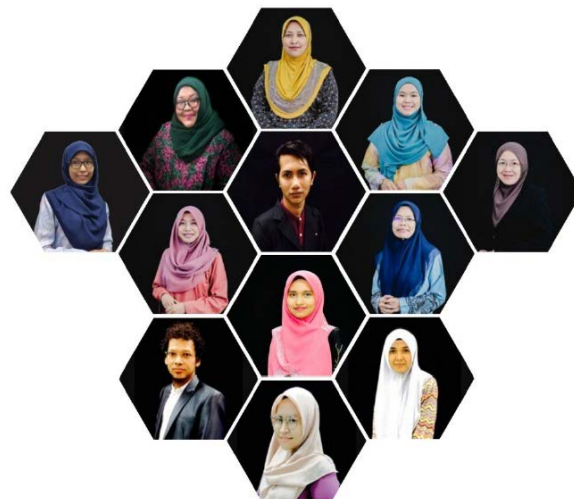


VIRTUAL COLLOQUIUM ON INDUSTRIAL SCIENCE AND TECHNOLOGY 2021 (VCIST2021)



The Virtual Colloquium on Industrial Science and Technology 2021 (VCIST2021) was organised by the VCIST2021 committee, which consisted of academic and administrative staff from the School of Industrial Technology, Faculty of Applied Sciences (FSG), Universiti Teknologi MARA, Shah Alam. Partnered with the Office of Industry, Community and Alumni Network (ICAN) of FSG, the event was held in conjunction with the Virtual Colloquium Series (VCS@FSG) 2020/2021, under the University Transformation Division (BTU) programme. VCIST2021 had successfully gathered eminent people from different parts of the industrial technology world, in the fields of food, polymer, textile and eco-technology.

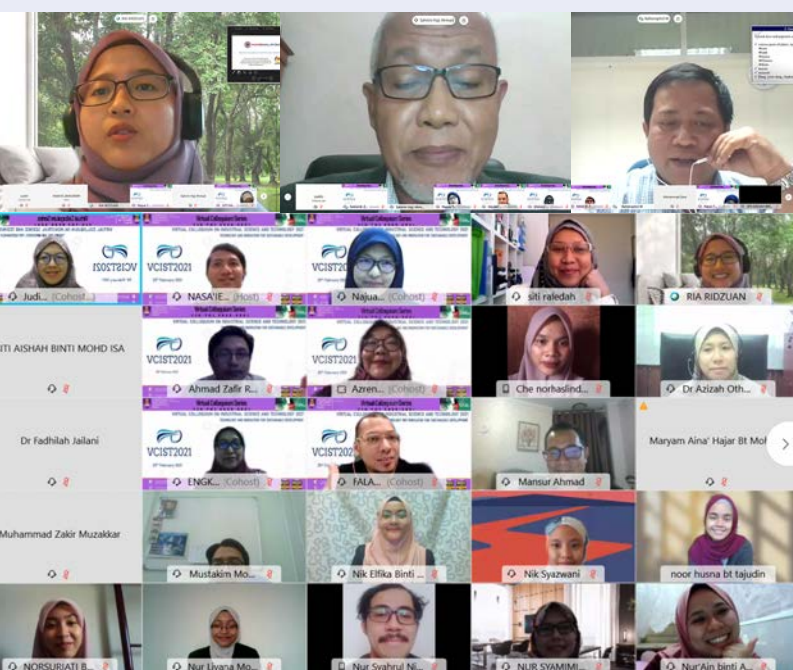
VCIST2021 was virtually held on 25 February 2021. With the theme "Technology and Innovation for Sustainable Development", VCIST2021 aimed at bringing together researchers, scientists, scholars, practitioners and industrialists to share their experiences and new ideas as well as research findings in the areas of science, technology and innovations for the benefit of the community.



This one-day programme featured four keynote speakers, 66 presenters and participants from all over Malaysia and Indonesia. The VCIST2021 keynote speakers namely Professor Rattanaphol Mongkholtattanasit (Rajamangala university of Technology Phra Nakhon, Thailand), Professor Dr Sahrim Haji Ahmad (Universiti Kebangsaan Malaysia), Dr -Ing. Azis Boing Sitanggang (Bogor Agricultural University, Indonesia) and Mrs Ria Ridzuan (NanoMalaysia Berhad, Malaysia), together with the parallel session speakers, shared their thoughts and ideas. They inspired the audience by projecting their most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of polymer, food, eco-technology and also textile science technology.

The overall deliverance of the colloquium indicated that there are plenty of resources around to meet the global needs for generations to come. In addition, the industry must ensure, at all times, that the world's precious resources are accessed, processed and distributed in a timely and orderly manner, with stable, reasonable prices. The challenge remains that of deliverability and not availability, from which the world at large can benefit, rich and poor global citizens alike.

VCIST2021 had successfully provided a great interdisciplinary platform for researchers, practitioners and educators to present and share their ideas, information and visions and in the future, all those can be sifted and consolidated for the participants perspectives.



<https://vcist2021uitm.wixsite.com/vcist2021>

Looking forward to the next VCIST in 2022!

CONGRATULATIONS ON YOUR APPOINTMENT



Congratulations to YBhg. Professor Dr Farida Zuraina Mohd Yusof on her reappointment as Dean of Faculty of Applied Sciences from 1 January 2021 to 30 December 2022.



Congratulations to YBhg. Professor Ts. Dr Mohd Rozi Ahmad on his reappointment as Deputy Dean (Academic Affairs) of Faculty of Applied Sciences from 15 January 2021 to 14 January 2023.

CONGRATULATIONS ON YOUR APPOINTMENT



Congratulations to YBhg. Professor Dr Ahmad Sazali Hamzah on his appointment as Rector of Universiti Teknologi MARA Selangor branch effective on 1 March 2021.

Congratulations to Dr Shahril Anuar Bahari on his appointment as Head of Strategic Cooperation and Special Projects at Business Innovation & Technology Commercialization Centre (BITCOM) from 1 March 2021 to 28 February 2023.



Congratulations to Associate Professor Dr Tay Chia Chay on her appointment as Risk Coordinator of FSG from 1 March 2021 to 28 February 2023.

Congratulations to Associate Professor ChM. Dr Lim Ying Chin on her appointment as Postgraduate Coordinator (Academic) of FSG from 1 March 2021 to 28 February 2023.



Congratulations to Dr Nur Vicky Bihud on her appointment as Liaison Officer (LO) at Office of International Affairs (OIA) from 1 January 2021 to 31 December 2022.

CONGRATULATIONS ON YOUR APPOINTMENT



Congratulations to YBhg. Professor Dr Ab Malik Marwan Ali on his appointment as Deputy Dean (Research and Industrial Linkages) effective on 1 Februari 2021.

Congratulations to YBhg. Professor Dr Noorlaila Ahmad on her appointment as Head of FSG's School of Graduate Studies from 15 May 2021 to 31 August 2022.



Congratulations to Dr Wan Razarinah Wan Abd Razak on her appointment as Head of School of Biology from 1 April 2021 to 31 March 2023.

Congratulations to Dr Maslinda Musa on her appointment as Programme Coordinator (AS201, AS244, AS257) from 1 April 2021 to 31 March 2023.



CONGRATULATIONS ON YOUR APPOINTMENT



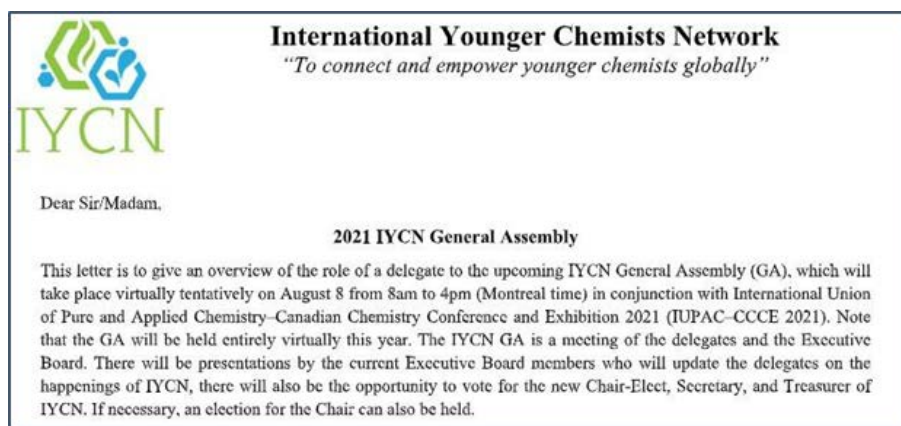
Congratulations to Ts. Dr Ismaniza Ismail, Associate Professor Dr Sabiha Hanim Saleh, Dr Nik Azlin Nik Ariffin and Dr Zitty Sarah Ismail on their appointment as an Environmental Health Specialist under the National Environmental Health Action Plan (NEHAP) programme, Ministry of Health Malaysia (MOH).

Environmental Health Specialists will provide expert advice to stakeholders in the event of an environmental health emergency incident at the national level through NEHAP or state through the State Environmental Health Action Plan (SEHAP).

CONGRATULATIONS ON YOUR APPOINTMENT



Congratulations to Ts. Dr Ismaniza Ismail on her appointment as DOSH-qualified Trainer for Safety and Health Officer Competency Course effective on 23 February 2021.



Congratulations to ChM. Dr Shahrul Nizam Ahmad on his appointment as the national delegate for General Assembly of International Younger Chemists Network (IYCN).

CONGRATULATIONS ON YOUR PROMOTION

TAHNIAH
Profesor Ts Dr Mohd Rozi Ahmad
 atas kenaikan pangkat ke jawatan
PROFESOR (VK7)
 berkuatkuasa 23 Jun 2021
*Ikhlas daripada
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TAHNIAH
Profesor Ts Dr Tan Winie
 atas kenaikan pangkat ke jawatan
PROFESOR (VK7)
 berkuatkuasa 23 Jun 2021
*Ikhlas daripada
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TAHNIAH
Prof. Madya Dr Hedzlin Zainuddin
 atas kenaikan pangkat ke
GREDDM54
(Profesor Madya)
 Berkuatkuasa 10 Februari 2021



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TAHNIAH
Prof Madya Dr Ahmad Zafir Romli
 atas kenaikan pangkat ke
GREDDM54
(Profesor Madya)
 Berkuatkuasa 26 Februari 2021



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TAHNIAH
PROF MADYA Ts DR NOR SUHAILA MOHAMAD HANAPI
 atas kenaikan pangkat ke jawatan
PROFESOR MADYA (DM54)
 5 MEI 2021



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TAHNIAH
PROF MADYA DR LIM YING CHIN
 atas kenaikan pangkat ke jawatan
PROFESOR MADYA (DM54)
 5 MEI 2021



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TAHNIAH
PROF MADYA Ts DR ENSKU ZAHARAH ENSKU ZAWAWI
 atas kenaikan pangkat ke jawatan
PROFESOR MADYA (DM54)
 5 MEI 2021



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CONGRATULATIONS ON YOUR PROMOTION

TAHNIAH
Puan UMAIRA OTHMAN KOYA
 atas kenaikan pangkat ke jawatan
TIMBALAN PENDAFTAR KANAN (N52)
 berkuatkuasa 15 JULAI 2021

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TAHNIAH
Puan Zaliha Yaman
 atas kenaikan pangkat ke
GRED N32
(Pegawai Eksekutif Kanan)
 Berkuatkuasa 16 Februari 2021




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TAHNIAH
Puan Noraslina Hussin
 atas kenaikan pangkat ke jawatan
PENOLONG PEGAWAI SAINS KANAN (C32)
 berkuatkuasa 2 Jun 2021

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TAHNIAH
Puan Nuridayu Mustafa
 atas kenaikan pangkat ke jawatan
PEMBANTU MAKMAL KANAN (C22)
 berkuatkuasa 2 Jun 2021

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TAHNIAH
**Encik Mohd Akmal Zamir
 Mohamad Hanafiah**
 atas kenaikan pangkat ke jawatan
PEMBANTU MAKMAL KANAN (C22)
 berkuatkuasa 2 Jun 2021

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TAHNIAH
Puan Rafidah Arifin
 atas kenaikan pangkat ke jawatan
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CONGRATULATIONS ON YOUR ACHIEVEMENT



Congratulations to Professor Ts. Dr Tan Winie on receiving certification as a Professional Technologist from the Malaysia Board of Technologist (MBOT) effective on 19 February 2021.



Congratulations to Ts. Dr Seow Eng Keng on receiving certification as a Professional Technologist from the Malaysia Board of Technologist (MBOT) effective on 5 April 2021.

CONGRATULATIONS

on your PhD



TAHNIAH
atas penganugerahan

IAZAH DOKTOR FALSAFAH
daripada
UNIVERSITI TEKNOLOGI MARA (UTM)

TAJUK:
Heavy Metals and Radionuclides Linkages and Risk Assessment in
Seawater, Sediment and Fish of Kuala Langat Coastal Area

6 APRIL 2021

DR. SABARINA MD YUNUS
Pusat Pengajian Kimia dan Persekitaran

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Faculty of Applied Sciences (FSG)



TAHNIAH
atas penganugerahan

IAZAH DOKTOR FALSAFAH (PhD)
daripada
UNIVERSITY OF LIVERPOOL

TAJUK:
Impact of Liver Fluke (*Fasciola hepatica*) Mediated
Immunomodulation on the Host's Immune Response to
Bacterial Infection

07 JUN 2021

DR SHAMSUL BAHRIN GULAM ALI
Pusat Pengajian Biologi

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Faculty of Applied Sciences (FSG)



TAHNIAH
atas penganugerahan

IAZAH DOKTOR FALSAFAH (PhD)
daripada
UNIVERSITI MALAYA

TAJUK:
Effect of High Purity Rice Husk Silica Synthesised using
Solvent-Thermal Treatment Method on the Properties of
Natural Rubber Compounds

28 JUN 2021

DR. ZAINATHUL AKHMAR SALIM ABDUL SALIM
Pusat Pengajian Teknologi Industri

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all the best in your new place

**WISHING YOU CONTINUED SUCCESS IN
YOUR FUTURE ENDEAVOURS**



MRS RAFIDAH WAHAB

**FACULTY OF ARCHITECTURE,
PLANNING & SURVEYING
UITM SHAH ALAM**

18 JANUARY 2021



MRS ZALIHA YAMAN

**FACULTY OF MEDICINE
UITM SUNGAI BULOH CAMPUS**

1 MARCH 2021

— HAPPY — Retirement

**As you go into this next phase of your life, may you enjoy
the very best that life has to offer**



**PROF DR ROZANA
MOHD DAHAN**



**ASSOC PROF DR
NOOR HANA HUSSAIN**



**ASSOC PROF
DR NORMAH ISMAIL**



MRS SARIPAH IBRAHIM

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