



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

BioBuzz

Jabatan Biosains, Fakulti Sains, Universiti Teknologi Malaysia

e-ISSN: 2756-8725

OKT- DIS 2020

STAFF CORNER



Tahniah!

DR. HUSZALINA BINTI HUSSIN
di atas
kenaikan pangkat jawatan
PENSYARAH KANAN DS52
berkuatkuasa mulai
12 OKTOBER 2020
ikhlas
daripada
Seluruh Warga Fakulti Sains
Universiti Teknologi Malaysia
FakultiSainsUTM
www.science.utm.my



Tahniah!

PUAN SUHAIDAH BINTI SULEIMAN
di atas
pelantikan ke jawatan baharu
**PENOLONG PEGAWAI SAINS
C29**
berkuatkuasa mulai
1 NOVEMBER 2020
ikhlas
daripada
Seluruh Warga Fakulti Sains
Universiti Teknologi Malaysia
FakultiSainsUTM
www.science.utm.my



Selamat Datang
ke
Fakulti Sains

**DR. RAIHANA BINTI
RIDZUAN**
Pensyarah Kanan (DS51)
Jabatan Biosains, FS
(1 Disember 2020)

Daripada Pihak Pengurusan dan Warga Fakulti Sains

BioBuzz Team

Penasihat:

Prof. Madya Dr. Shafinaz Shahir

Pengerusi:

Dr. Nurzila Ab Latif

Ahli:

Dr. Siti Halimah Hasmoni

Amalina Ramli

Hamidah Mat Arif


Wan Aznida Wan Mohd Anuar



Tahniah kepada En. Mohd. Hasrul dan pasangannya Pn. Norzafneza di atas kelahiran anak ketiga mereka yang diberi nama Hud Haniyfa pada 7 Disember 2020.



Tahniah juga kepada Dr. Mohd Helmi dan pasangannya Pn. Suhaida di atas kelahiran anak ketiga mereka yang diberi nama Muhammad Haqiem Imad pada 10 Disember 2020.



YUSNIZAM SAMSUDIN	1 Oktober
ABDUL FATAH A. SAMAD	3 Oktober
NOR AZIMAH MOHD ZAIN	4 Oktober
SALEHA SHAHAR	8 Oktober
NOR ANIZAH KARIM	12 Oktober
FAZILAH ABD MANAN	14 Oktober
FAEZAH MOHD SALLEH	19 Oktober
SYAZWANI ITRI AMRAN	31 Oktober
FARAH WAHIDA ZAIMUDIN	6 November
HARYATI JAMALUDDIN	7 November
NORAHIM IBRAHIM	9 November
NOOR HIDAYAH MD NOOH	24 November
NOR AZLAN NASRUDIN	5 Disember
ZULFAUZI ZAKARIA	8 Disember
NURLIYANA AHMAD ZAWAWI	20 Disember
ZAIDAH RAHMAT	23 Disember

STAFF ACTIVITIES



The virtual memorandum of understanding (MoU) signing ceremony between the Faculty of Science, Universiti Teknologi Malaysia (UTM) and Faculty of Sciences, University of York (UoY), UK took place on the 5th of October 2020. This MoU was made possible through the research and collaboration work initiated by Dr. Chong Chun Siong (Senior Lecturer, Department of Biosciences).



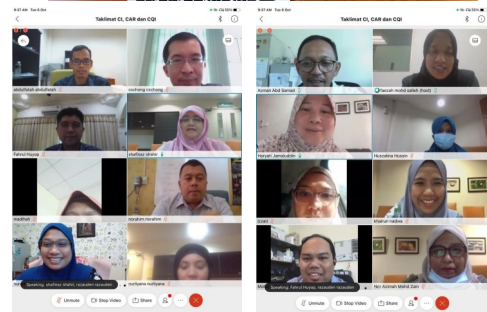
The Faculty of Sciences, UoY was represented by Prof. Dr. Brian Fulton (Dean, Faculty of Sciences), Prof. Dr. Neil Bruce, Prof. Dr. Sarah Thompson (Associate Dean Research), Prof. Dr. James Moir (Head of Department Biology) and Mr. Edward Green (Global Partnerships Officer). Meanwhile, Prof. ChM. Dr. Abdull Rahim (Dean), Prof. Dr. Fadhliah (Deputy Dean (Academic & Student Affairs)), Dr. Ezza Syuhada (Assistant Dean (External & Global Engagements)), Assoc. Prof. Dr. Shafinaz (Director Biosciences), Dr. Chong and Assoc. Prof. Dr. Goh.

5 Oktober 2020

Bengkel Semakan & Penyediaan *Course Information* Kursus-Kursus Sem 1 Sesi 2020/2021 Jabatan Biosains, Fakulti Sains. Bengkel ini telah dihadiri oleh staf akademik secara bersemuka di Dewan Seminar T02 pada 5/10/2020. Bengkel diteruskan secara atas talian di platform webex pada keesokan harinya.



5 - 6 Oktober 2020



Bersempena kemasukan pelajar-pelajar baru ke UTM, minggu orientasi dijalankan secara atas talian bermula dari 11/10/2020 sehingga 14/10/2020. Dr. Norahim bin Ibrahim sebagai salah seorang pengetua kolej kediaman UTM telah memberi taklimat sempena sesi ramah mesra di Kolej Kediaman Tun Hussein Onn.

11 Oktober 2020

STAFF ACTIVITIES

Dr. Faezah and Dr. Mohd Helmi have been the presenter for the 4th and 5th FS Online Global Classroom (OGC). Dr. Faezah shared her research experience to 37 participants from Universitas Negeri Semarang (UNNES). Meanwhile, Dr. Mohd Helmi led the 5th OGC series with the topic “Research Methodology – Literature Review Strategies for Biology” with 40 students from UNNES.

12& 13 Oktober 2020

Research Experience Sharing
In Collaboration with Universitas Negeri Semarang (UNNES)
MON 12 OCT 2020
9:00 AM - 10:00 AM

Dr. Faezah Mohd Salleh, Speaker

5 Star QS Overall Rating, TOP 50 Best Universities in Asia, TOP 20 Best Universities in ASEAN

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Research Methodology Literature Review Strategies for Biology
In Collaboration with Universitas Negeri Semarang (UNNES)
TUE 13 OCT 2020
9:00 AM - 10:00 AM

Dr. Mohd Helmi Sani, Speaker

5 Star QS Overall Rating, TOP 50 Best Universities in Asia, TOP 20 Best Universities in ASEAN

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15 Oktober 2020

Sesi pengambilan gambar *Face Recognition* (FR) dan gambar formal staf untuk tujuan rasmi telah diadakan di Bilik Seminar Al-Dinawari. Sesi bergambar telah diadakan untuk staf Fakulti Sains yang berada di Bangunan T02 dan T05.

19 Oktober 2020

Webinar on Future Agricultural Technology For 21st Century
UTM KMITL WEBINAR
MON 19 OCT 2020
12:00 PM - 1:00 PM

Dr. Nurashikin, Moderator
Dr. Syazwani Itri, Speaker
Dr. Razuden, Speaker
Dr. Nurashikin, Speaker

Main organizer: UTM, KMITL

5 Star QS Overall Rating, TOP 50 Best Universities in Asia, TOP 20 Best Universities in ASEAN

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Rasyidi Rosli: Is cell based meat categorized as dead meat since dead meat are forbidden to Muslims? Animals are hurtured.

Rank	Method	Score
1	1	10.14
2	2	10.14
3	3	10.14
4	4	10.14
5	5	10.14
6	6	10.14
7	7	10.14
8	8	10.14
9	9	10.14
10	10	10.14
11	11	10.14
12	12	10.14
13	13	10.14
14	14	10.14
15	15	10.14
16	16	10.14
17	17	10.14
18	18	10.14
19	19	10.14
20	20	10.14

Dr. Razuden and Dr. Syazwani Itri have been the presenter for the 6th FS Online Global Classroom (OGC). In addition, Dr. Nurashikin act as the moderator. This OGC also collaborated with King Mongkut's Institute of Technology Ladkrabang (KMITL), Thailand, who graciously invited our lecturers to speak to their students. This OGC gave insight into the future of halal technology in the 21st Century, focusing on nutritious and quality food, and saw a total of 69 participants, where 60 of them were undergraduate students, 2 were post-graduate students, while 7 staff also participated.

Professor Dr. Fahrul Zaman Huyop was appointed as Virtual Visiting Professor at Universitas Brawijaya (UB) in Malang, Indonesia. One of the many agendas was to promote OGC in line with UTM policy on internalisation on academic programmes. On the 26th of October 2020, 197 students from Universitas Brawijaya (UB) and 46 outbound UTM students attended the Online Global Classroom (OGC) by the Faculty of Science in collaboration with the Aquatic Resource management Study Program of Universitas Brawijaya (UB). The course was based on the existing course information (CI) offered in the current semester 2020/2021, SMBB4583 ECOLOGY, taught by Professor Dr. Fahrul Zaman Huyop. The program starts on 23rd October until November 6th.

23 Oktober 2020

Virtual Visiting Professor
3 IN 1 PROGRAM
(WORLD CLASS PROFESSOR)
October - November 2020,
Faculty of Fisheries and Marine Science,
UNIVERSITAS BRAWIJAYA, MALANG INDONESIA

Topic : Current Trends in Bioremediation
Time : 9:30 am - 12:20 pm

Topic : Effect of Agricultural Contaminant to Aquatic Animal Physiology
Time : 2:00 pm - 4:00 pm

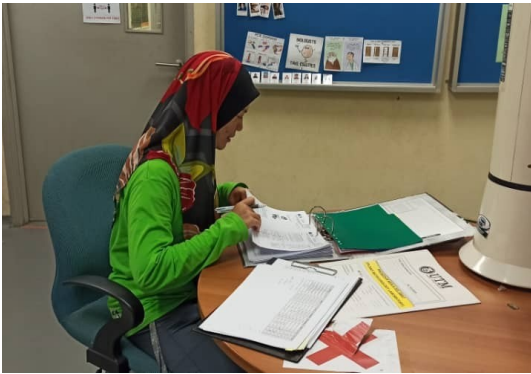
Prof. Dr. Fahrul Zaman Bin Huyop, Speaker

5 Star QS Overall Rating, TOP 50 Best Universities in Asia, TOP 20 Best Universities in ASEAN

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STAFF ACTIVITIES

Audit dokumentasi telah dilaksanakan di setiap makmal T02. Semakan dibuat terhadap dokumen seperti *Standard Operating Procedure (SOP)*, *Work Instruction (WI)*, *Safe Work Procedure (SWP)* dan *General Work Instruction (GWI)* yang perlu ada di makmal yang berkaitan.



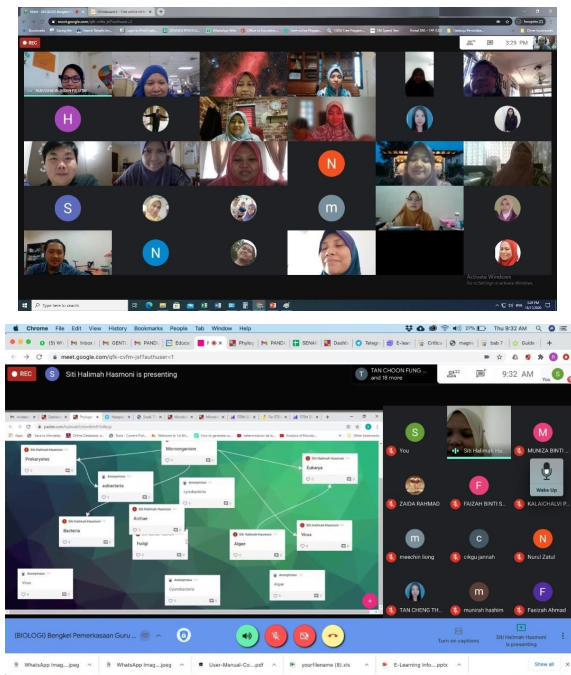
9 - 12 November 2020



Prof. Madya Ts. Chm. Dr. Nik Ahmad Nizam bin Nik Malek telah dijemput untuk berkongsi dalam program Kupasan buku 'Antibacterial Agents'. Program ini merupakan anjuran Penerbit UTM Press dan telah diadakan secara atas talian bersempena Karnival Buku Ilmiah Dalam Talian (Kabi 2.0) di facebook 'Majlis penerbitan ilmiah Malaysia (MAPIM)'.

10 November 2020

18-19 November 2020



Sempena Bulan Johor STEM 2020, Dr. Abdul Fatah, Dr. Nurashikin, Dr. Siti Halimah serta Dr. Mohd Farizal terlibat sebagai pakar rujuk untuk bidang Biologi kepada para guru STEM yang terpilih di sekitar negeri Johor. Dr. Abdul Fatah telah menunjukkan kepada para guru cara-cara menarik minat para pelajar untuk lebih memahami konsep mutasi gen dengan menggunakan konsep roti sandwich. Dr. Nurashikin telah berkongsi pengalaman beliau dan pengetahuan mengenai aplikasi enzim dari mikroorganisma. Manakala Dr. Siti Halimah berkongsi pengetahuan kepada para guru dengan lebih mendalam mengenai kepelbagaian mikroorganisma serta penyelidikan yang sedang dijalankan. Dr. Mohd Farizal juga telah berkongsi berkenaan mikroalga, aktiviti komuniti yang sedang dijalankan dan juga berkenaan penyelidikan beliau. Para guru berpuas hati atas pengalaman yang diterima dan mengharapkan agar jurang antara penyelidikan yang dijalankan oleh Universiti dirapatkan dan lebih dikecapi oleh pihak sekolah supaya para pelajar sekolah akan lebih bersemangat untuk belajar dalam bidang Biologi.

STAFF ACTIVITIES

Professor Dr. Fahrul Zaman Huyop delivers Plenary Lecture at the 1st International Conference on Fisheries and Marine Research (ICoFMR 2020) “Connecting SDGs Through Sustainable Fisheries Studies: Current Research on Fisheries and Marine Resources”. He was appointed as Virtual Visiting Professor at the Universitas Brawijaya (UB) in Malang, Indonesia. During his appointment he was given an opportunity to deliver his plenary lecture on November 4th about Sustainable Development Goals (SDGs) from the perspective of prokaryotic biochemistry. The virtual conference was attended by at least more than 100 participants online.

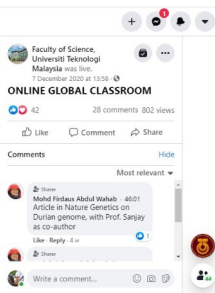
4 November 2020



23 November 2020



Pelupusan aset alih telah diadakan sebanyak 2 kali setahun. Proses pelupusan aset kali kedua bagi tahun ini telah diuruskan oleh En. Muhammad Hanif Muhammad Hatta dengan jayanya.



Webinar On Fundamental Science: Bedrock of Innovation (Open Global Classroom)

Dr. Mohd Firdaus Abdul Wahab hosted and mediated an online global classroom webinar which was given by Assoc. Prof. Sanjay Swarup in the topic of Harnessing Interactions in the Plants-Environment-Microbiomes Axis for Improving Food Security in a Changing Climate Scenario.

7 Disember 2020

Pelupusan sisa terjadual telah dilaksanakan sebanyak dua kali setahun. Pelupusan kali kedua pada tahun ini diuruskan oleh En. Yusnizam Samsudin.

13 Disember 2020



STAFF ACTIVITIES

The image shows two screenshots of WhatsApp messages. The first message is a purple box with white text: "Relate the movie to the current situation against Covid-19 pandemic. The pandemic has been going on for a year and yet the case is increasing many places have been marked as red zones. Lots of enforcement have been put in place by KKM and the government." Below it are two questions: "What are the benefits and tradeoffs that a person must weigh when making a decision about the risk?*" and "What action should people take to minimize their risk? Can the risk be managed by individuals, the community, and/or governments? Explain the roles of each party.*". The second message is a purple box with white text: "Toxicology and Risk Assessment * Required". Below it is a question: "One of the reasons for understanding the role of toxicology in human health is to empower students to make choices that decrease their risk of becoming ill due to exposure to harmful toxicants. Once they know the risk from a toxicant exposure, they can manage their risk by deciding how to deal with the risk." Below this is another question: "What is the toxicant/toxin involved in this movie?*" and "Who are most susceptible?*" Below the messages are two movie posters: "Nothing Spreads Like Fear Contagion" and "Outbreak".

Dr. Syazwani Itri develop a fun way of T&L activity for her Toxicology course by asking her student to watch a movie and answer some questions in google form.

“Online and recorded lectures are too mainstream and lecturers need to cope up with other important matters too. Time constrain is always there even when conducting online teaching & learning. So this week’s toxicology session requires students to watch movies. I know the kids will love it, apart from leisure they need to refresh their minds after the mid-sem break. The selected movies are Contagion or Outbreak or Deranged or The Flu. Students get to choose which one they want to watch. Then, they are required to fill in the toxicology & risk assessment form. Lots of toxicology principles can be discussed after watching these movies. Most importantly, in future students can make this as a habit - to always relate what they learn, analyse the theories, turn on critical thinking mind while watching movies. From here, they can slowly judge which movies are beneficial to watch and which movies are just a waste of time. Leisure yet knowleagable.” By Dr. Syazwani Itri.

16 December 2020

The image shows a screenshot of a presentation slide. The title is "THREE-DIMENSIONAL CULTURE MESENCHYMAL STEM CELLS O MICROCARRIER BASED TECHNOL". Below the title is the name "Mohd Helmi Sani, Ph.D." and his affiliation: "Department of Biosciences, Faculty of Science, Universiti Teknologi Malaysia (UTM)". The slide also mentions the "International Conference on Recent Advances in Biotechnology, Biomolecules and Pharmacy (RABBP-2020)" on "17 Dec 2020". At the bottom, there are logos for UTM and KL University, and the website "www.utm.my".

Invited speaker for International Conference on Recent Advances in Biotechnology, Biomolecules and Pharmacy (RABBP-2020)

Dr. Mohd Helmi Sani was invited by Dr. Vemuri Praveen Kumar from KL University, Guntur, India as an invited speaker at RABBP-2020. Dr. Mohd Helmi Sani shared his research on three-dimensional culture of mesenchymal stem cells on microcarrier based technology.

17 December 2020

22 December 2020

Taklimat Peperiksaan dan Bengkel Penyediaan Kertas Soalan Akhir Semester 1 Sesi 2020/2021

Taklimat peperiksaan diadakan di peringkat Jabatan untuk persediaan kertas soalan dan juga peperiksaan yang akan dijalankan sepanjang bulan Februari 2021. Pensyarah, Penyelaras Kursus, Penyelaras Program serta Pengarah bertungkus lumus dalam menjayakan proses penyediaan, penilaian dan pembetulan kertas soalan akhir peperiksaan agar berjalan dengan lancar.

STUDENT ACTIVITIES



A welcoming video from our Biosciences Alumni sharing their unforgettable undergraduate experience and memories. This video can be watch on youtube via this link: <https://youtu.be/pPV3TKcRRko>
Video credit to Aimiz Studios.



Research Canvas Competition 2020 in conjunction with Research Week 2020, UTM library in collaboration with SpringerNature were held between 23rd August and 13th September 2020.

Biosciences postgraduate students, Aryanny Nasir (SV: Dr. Siti Pauliena) have manage to win the Grand Prize, while Muhammad Redza Mohd Radzi (SV: Dr. Khairunadwa) won 3rd prize. Congratulations to our bioscience students & staff! Well done!!

Muhammad Hariz Asraf Hassan, pelajar pasca siswazah Jabatan Biosains, telah ditemubual berkenaan harapan belanjawan 2021 untuk pelajar dan anak muda. Rakaman ini telah disairkan melalui slot Buletin Utama TV3. Tahniat diucapkan.



DEPARTMENT	GOLD	SILVER	BRONZE	FOURTH	FIFTH	PARTICIPATION POINTS	TOTAL
MATHEMATICS	6	2	3	3	3	62.5	350.0
CHEMISTRY	3	3	2	2	1	50.7	246.7
PHYSICS	1	4	4	3	0	42.9	239.9
BIOLOGY	1	2	2	2	0	43.4	162.9

*updated: included PUBG

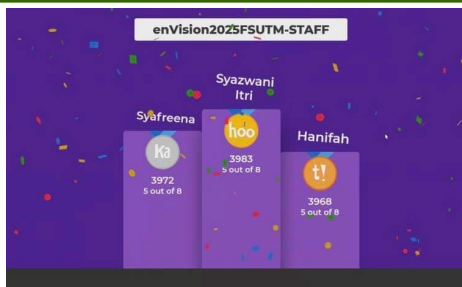
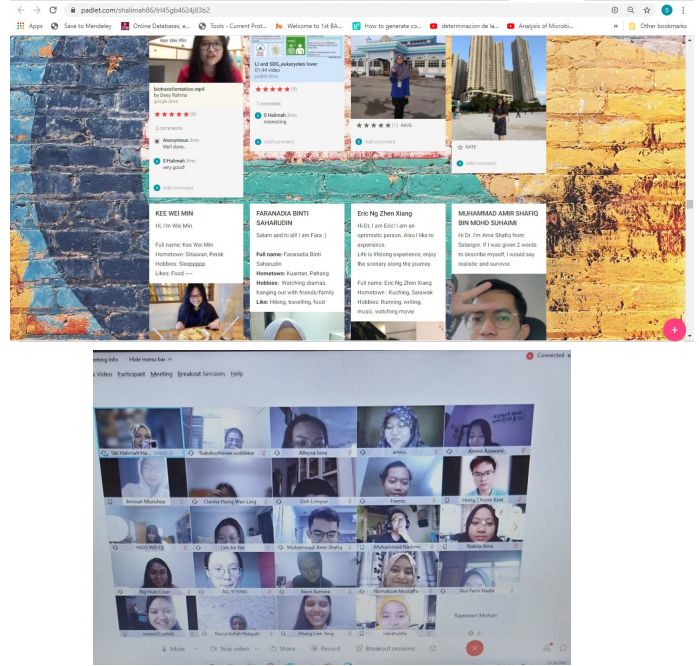
POINTS REFERENCE
 1st: 25 pts.
 2nd: 20 pts.
 3rd: 15 pts.
 4th: 10 pts.
 5th: 5 pts.
 6-10th: 1 pts.
 11-20th: 0.5 pts.

Sukfas was held in the month of November of 2020 which consist of few online games such as PUBG, DOTA, tetris, bowling, chess, Sea Life and also virtual run. Thank you and Congratulations to our Biology and Industrial Biology students for their participation and gaining fourth place.

STUDENT ACTIVITIES

Semester 1 2020/2021 online learning activities

Who would have thought we will be experiencing the second wave of the pandemic so soon. This time around, our lecturers and students have some experience and are powering through the process of online teaching and learning. Most of the students and lecturers are keen on live classes because most of them miss the face to face environment. However, due to limited connectivity, student feel kind of left out but trying their best to follow through. Thus, to cater these students, lecturers record the live sessions. Furthermore, most of the lecturers did asynchronous or task based teaching and learning activities. Lecturers provide recorded lectures, short quizzes in quizzz, Edpuzzle activities and also Padlet. This time around, most of our lecturers discover Jamboard for live and asynchronous activities.



26 November 2020

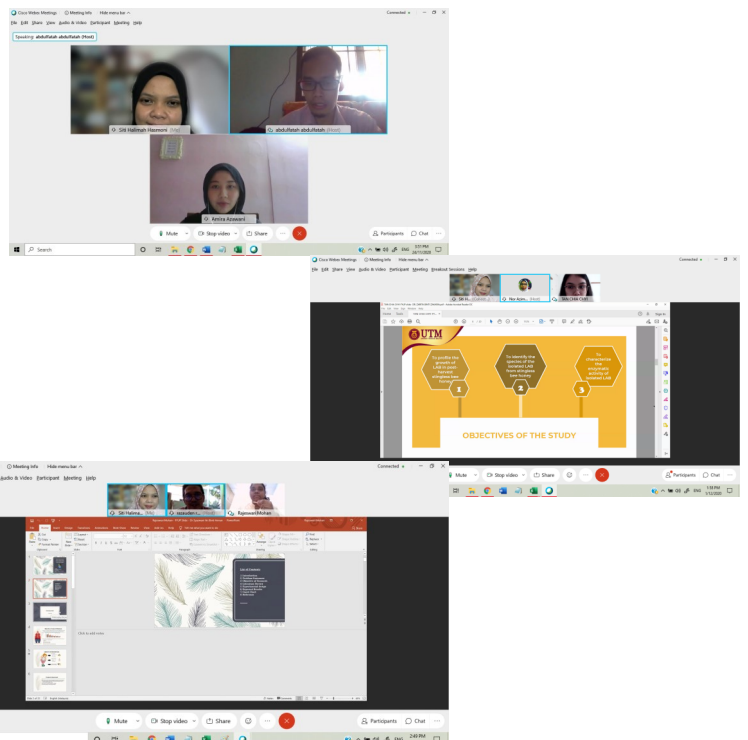
Congratulations to our students on their commendable achievements during the UTM enVision 2025 Townhall! Online Quiz

- First Place: Muhammad Ramziuddin Zakaria
- Second Place: Kam Kar Yem

Congratulations to Dr Syazwani Itri for winning the coveted first place in envision2025 townhall of Faculty of Science for the online quiz.

Proposal Presentation for our Final year students for their Final Year Undergraduate Project

With the second wave of Covid-19 is upon us, it is not safe for the student to come back to the campus. This is the first time that the proposal presentation for our final year undergraduate project 1 (FYUP1) was done online. With the same standard operating procedure created by our Department FYUP team lead by Dr Zarita for last semester's FYUP2. Looking forward for the students to be able to come back to UTM and do their experiments.



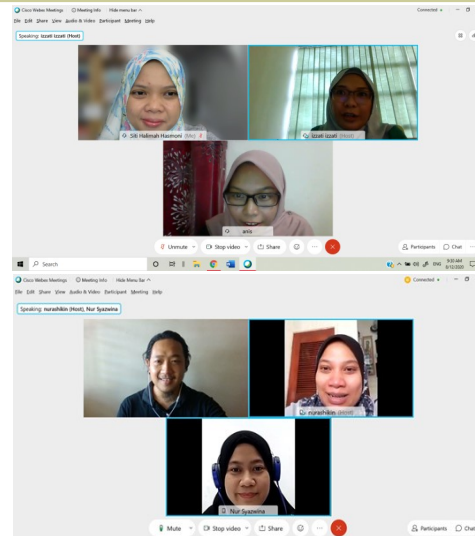
24 November & 1 Disember 2020

STUDENT ACTIVITIES

FYUP 2 Final Assessment presentation

About 60 students of our final year students (Cohort 2016/2017) of FYUP2 did their final assessment presentation online and their question and answering session live with their respected examiners. The students diligently did their experiments after the restriction movement order has been lifted and wrap it up by September. Congratulations to the last batch of FYUP2. You all finally did it!

1 - 12 Disember 2020



9 Disember 2020



South East Asia Global Innovation Challenge 2020 (SEA-GIC) Pitching Competition

Our students, Muhammad Amir Shafiq Mohd Suhaimi, Teoh Yee Jing, and Kee Wei Min (4 SMBT), with Dr. Mohd Farizal bin Ahmad Kamaruddin as the advisor won 1st place in this challenge with their project entitled "Reduction of carbon dioxide using AlgoLight". Our students successfully beat other teams from universities from Malaysia, Indonesia, and Brunei. The theme for this year was "Battling Climate Change thru Chemistry" and chemistry-related projects in the area of carbon dioxide utilization, renewable energy, and green chemistry, transportation, and building, as ways to protect our planet. -Dr. Mohd Farizal-

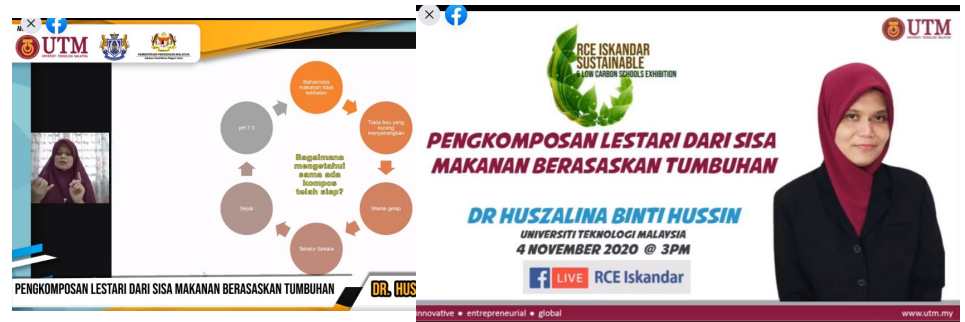
International Biotechnology Competition & Exhibition 2020 (IBCEx 20)

Three teams of our final year undergraduate students from the Department of Biosciences participated in the 6th International Biotechnology Competition and Exhibition (IBCEx) 2020 which was organised by the School of Chemical and Energy Engineering, Universiti Teknologi Malaysia, Johor Bahru, Johor. All of the teams are under the guidance of Dr. Mohd Farizal. Congratulations to all winners and who has participated.



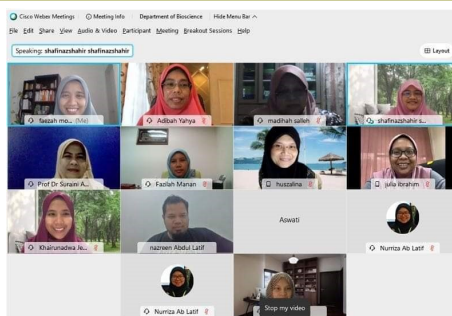
COMMUNITY

Dr. Huszalina Hussin telah menyampaikan perkongsian dengan tajuk "Pengkomposan lestari dari sisa makanan berasaskan tumbuhan" pada sesi webinar yang dianjurkan bersama oleh RCE Iskandar Johor. Webinar tersebut telah dikongsikan melalui FB live di FB RCE Iskandar.



4 November 2020

ALUMNI



Board of Study meeting

Professionals from the Industry, ALUMNI and also experts in Biology and Biotechnology programme from other Universities were elected and invited to discuss with our Academic team about the programme structure of our Master and Undergraduate programme and its relevance in approaching the 4th Industrial revolution and strategies in increasing graduate employability amongst our graduates.



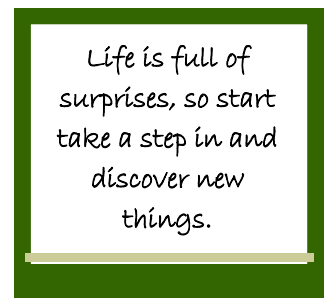
Name: **Lam Ming Quan**
 Course (batch):
 BSc. in Industrial Biology (2015)
 MSc. in Biotechnology (2017)
 PhD in Bioscience (2020)

Position: Post-doctoral research fellow
 Job scope: Research related to fermentation and animal biotechnology (a change of field from PhD degree), teaching, co-supervise students, lab coordination and resource management
 Company: Dept of Biosciences, Faculty of Science, Universiti Teknologi Malaysia



Name: **Nabihah binti Azhary**
 Course (batch):
 BSc. in Biology (2019)
 MSc. in Biotechnology (current)

Position: Research Assistant fellow
 Job scope: Research related to biodegradation by bio-surfactant-producing bacteria and bioinformatic simulation, co-supervise students, and lab coordination
 Company: Dept. of Biotechnology, Kulliyah of Science, International Islamic University Malaysia (IIUM)



CONGRATULATIONS

UTM Faculty of Science
UNIVERSITI TEKNOLOGI MALAYSIA

Congratulations

**DR FIRDAUS AND TEAM
FOR SECURING A CONTRACT RESEARCH
BETWEEN
UTM AND PETRONAS RESEARCH SDN BHD (PRSB)**

**"METHANOGENESIS CONVERSION OF CO₂
INTO CH₄ FOR CO₂ STORAGE :
FEASIBILITY STUDY FOR FIELD APPLICATION"**

RM496,300
22 OCTOBER 2020-21 OCTOBER 2022

PROJECT LEADER
DR. MOHD FIRDAUS ABUL WAHAB
DEPARTMENT OF BIOSCIENCES @FS

MEMBERS
ASSOC. PROF. DR. SUHAIRUL HASHIM
DEPARTMENT OF PHYSICS @FS
DR. ADIBAH YAHYA
DEPARTMENT OF BIOSCIENCES @FS
ASSOC. PROF. DR. MOHD ZAIDI BIN JAAFAR
SCEE @FS
ASSOC. PROF. DR. MOHD HAFIZ OZARFAN OTHMAN
AMTEC
DR. MUHAMAD HASBULLAH PADZILAH
SME @FS

FROM THE MANAGEMENT TEAM AND STAFF, FACULTY OF SCIENCE

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5 Star QS Overall Rating
TOP 50 Universities in Asia
TOP 20 Universities in Malaysia

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utm.my
utmmalaysia

UTM Faculty of Science
UNIVERSITI TEKNOLOGI MALAYSIA

Congratulations

DR. ZAIDAH RAHMAT
Department of Biosciences

for Securing
UTM RA ICONIC GRANT (UTMicon) 2020

"UTMicon 2.2: Synthesis of Oligosaccharides from Pectin by Nanoparticle-Based Enzyme Immobilization"
RM 200,000.00

From the management team and staffs
Faculty of Science

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TOP 50 Universities in Asia
TOP 20 Universities in Malaysia

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utmmalaysia

UTM Faculty of Science
UNIVERSITI TEKNOLOGI MALAYSIA

Congratulations

Assoc. Prof. ChM. Dr. Roswanira Abdul Wahab
Department of Chemistry (Exco III)

Prof. Dr. Fahrul Zaman Bin Huyop
Department of Bioscience (Exco VI)

for Being Elected as the Committee Members of
**Malaysian Society of Bioinformatics
and Computational Biology
(MaSBiC) 2021 - 2022**

From the Management Team and Staff
Faculty of Science

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5 Star QS Overall Rating
TOP 40 Universities in Asia
TOP 20 Universities in Malaysia

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PGSSFS Faculty of Science
UTM 2020 ONE
UNIVERSITI TEKNOLOGI MALAYSIA

POSTGRADUATE STUDENT SOCIETY FACULTY OF SCIENCE ORGANIZATIONAL CHART

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