



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

BioBuzz

Jabatan Biosains, Fakulti Sains, Universiti Teknologi Malaysia

e-ISSN: 2756-8725

JUL - SEP 2021

STAFF CORNER

Setinggi-tinggi
تهنئة
Tahniah
diucapkan kepada



PROF. MADYA DR. SHAFINAZ SHAHIR
atas pelantikan sebagai
**TIMBALAN DEKAN
(AKADEMIK & HAL EHWAL PELAJAR)**
berkuatkuasa mulai
01 JULAI 2021

Daripada Pengurusan dan Seluruh Warga
Fakulti Sains

www.utm.my

Setinggi-tinggi
تهنئة
Tahniah
diucapkan kepada



DR. ALINA WAGIRAN
atas pelantikan sebagai
**PENGARAH
(BIOSAINS)**
berkuatkuasa mulai
01 JULAI 2021

Daripada Pengurusan dan Seluruh Warga
Fakulti Sains

www.utm.my

Setinggi-tinggi
تهنئة
Tahniah
diucapkan kepada



PROFESOR DR. ZAHARAH IBRAHIM
Atas pelantikan sebagai
PROFESOR ADJUNG
Jabatan Biosains
Berkuatkuasa mulai
01 Julai 2021 - 30 Jun 2022

Daripada Pengurusan dan Seluruh Warga
Fakulti Sains

www.utm.my

HAPPY BIRTHDAY

JULAI

WAN AZNIDA WAN MOHD ANUAR 1 JULAI
WAN ROSMIZA ZANA BT WAN DAGANG 2 JULAI
NURUL SYUHADA YUNUS 5 JULAI
MUHAMMAD SHAHRIL SAZALI 9 JULAI
MOHD FIRDAUS BIN ABDUL WAHAB 17 JULAI
MOHD SHAHIR SHAMSIR BIN OMAR 21 JULAI

OGOS

KHAIRUNADWA BINTI JEMON 2 OGOS
SHAFINAZ BINTI SHAHIR 6 OGOS
NURZILA BINTI AB LATIF 18 OGOS
NURRIZA BINTI AB. LATIF 19 OGOS
ZARITA BINTI ZAKARIA 20 OGOS
ADIBAH BINTI YAHYA 23 OGOS
CHONG CHUN SHIONG 26 OGOS
MOHD HASRUL ISHAK 30 OGOS

SEPTEMBER

MOHD FARIZAL BIN AHMAD KAMARODDIN 14 SEPTEMBER
HAMIDAH MAT ARIF 15 SEPTEMBER
SUHAIDAH SULEIMAN 17 SEPTEMBER

welcome little one

Tahniah kepada Pn. Amalina dan suami di atas kelahiran anak keempat mereka pada 7 Julai 2021 dan diberi nama Affan Saif bin Muhammad Azlan.

Tahniah juga kepada En. Zulfauzi dan isteri atas kelahiran cahaya mata ketiga pada 5 Ogos 2021 yang diberi nama Nur Aleeya binti Zulfauzi.



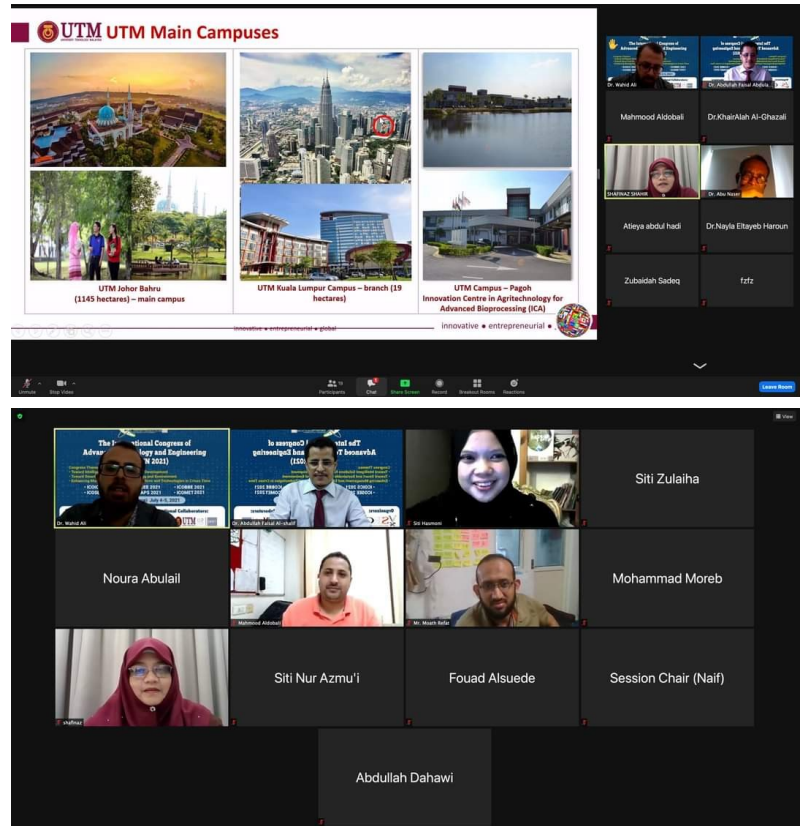
BioBuzz Team

Penasihat: Dr. Alina Wagiran. Pengerusi: Dr. Nurzila Ab Latif.
Ahli: Dr. Nor Azimah Mohd Zain, Dr. Wan Rosmiza Zana Wan Dagang,
Amalina Ramli, Hamidah Mat Arif, Wan Aznida Wan Mohd Anuar.

STAFF ACTIVITIES

4 –5 Julai 2021

The International Conference of Advances in Bioscience and Biomedical Engineering (ICOBBE 2021) was held online on July 4 - 5, 2021 in connection with the International Congress of Advanced Technology and Engineering (ICOTEN 2021). The conference was organized by the Yemeni Scientists Research Group (YSRG) and Hadramout University. Assoc. Prof. Dr. Shafinaz was invited as one of the keynote speaker for the conference with the title of, 'Beneficial Microbes in Environmental Biotechnology: UTM's Experience'. Meanwhile, in the same conference, Dr. Siti Halimah and team (Intan Shafinaz, Nurul Syuhada, Prof. Dr. Zaharah, Assoc. Prof. Dr. Nik Ahmad Nizam and Assoc. Prof. Dr. Shafinaz) won the Best Paper Award for manuscript entitled: 'Characterization of Bionanocellulose Producing Bacteria Isolated from Tapioca Wastewater'.



10 Julai 2021

Outreach Meeting

Research outreach meeting has been conducted on 10th July 2021 with former Bioscience lecturer, Dr. Muhamad Abu Naser currently hold a researcher position at Charles River Laboratory, Chesterford Research Park, Saffron Walden, Cambridge, United Kingdom. The Biosciences Department would like to pursue more collaboration with Charles Rive Laboratory in near future in bioinformatics area.



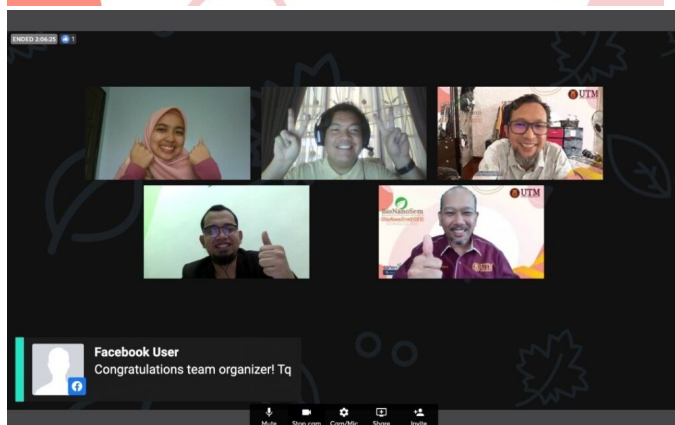
STAFF ACTIVITIES



3 Ogos 2021

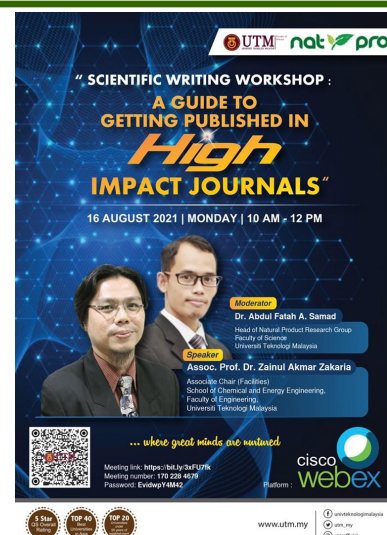
The second Bionanotechnology Research Seminar (BioNanoSem2021) was held virtually on 3rd August 2021. This event was successfully organized by the Centre for Sustainable Nanomaterials (CSNano), Ibnu Sina Institute for Scientific and Industrial Research (ISI-SIR), UTM in collaboration with Ceramic and Amorphous Group (CerAm), Faculty of Applied Science and Technology, Universiti Tun Hussein Onn Malaysia (UTHM) and Green Chemistry (GChem) Research Group, Faculty of Science, UTM.

This seminar was attended by 25 participants from various research backgrounds presenting their opinion and findings relating to the bionanotechnology field.



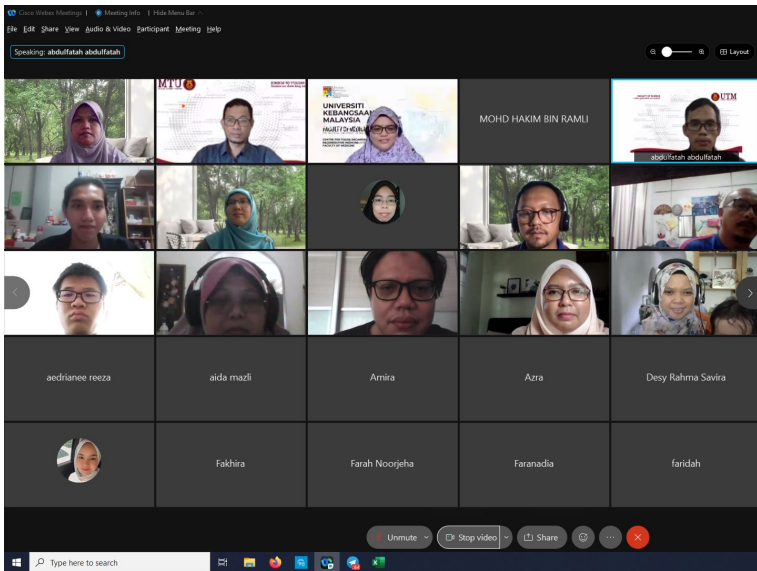
16 Ogos 2021

Natural Product Research Group (NatPro RG) successfully organized a Scientific Writing Workshop with the title of 'A guide to getting published in High Impact Journals' on 16 August 2021. This event was chaired by Head of NatPro RG, Dr. Abdul Fatah A. Samad. The invited speaker, Assoc. Prof. Dr. Zainul Akmar Zakaria shared an important writing skills with the academicians, young researchers and postgraduate students. The valuable shared knowledge and inspiration are equally important to our professional spheres. It can foster vision in others and strengthen the professional ties.



STAFF ACTIVITIES

The Bioscience Final Year Project committee invited Dr. Nadiah Sulaiman from UKM to share her experience on scoping review. Through a short webinar on 22nd August 2021, a simple guide in choosing systematic vs scoping review gave clearer ideas and suggestions to our FYUP and first year postgraduate students to write a scoping review paper during this pandemic time. A step-by-step guidance given by Dr. Nadiah is very beneficial for all the attendees in preparing a good review paper.



22 Ogos 2021

KERJA SANITASI MAKMAL

Operasi sanitasi makmal telah dijalankan di blok T02 oleh Task Force Sanitasi UTM yang terdiri daripada staf bahagian keselamatan UTM dengan dibantu oleh beberapa orang staf makmal Jabatan Biosains. Ini untuk memastikan ruang kerja makmal bebas dari COVID19. Terima kasih UTM!!



23 Ogos 2021

STAFF ACTIVITIES

23 -24 Ogos 2021



Joint Academic Seminars (JAMS) 10th Annual Symposium was held virtually on 23rd - 24th August, 2021. Assoc. Prof. Dr. Goh Kian Mau had been invited as one of the speakers and presented his work on “Thermophiles in MY hot springs: past and prospects”. Congratulations to Assoc. Prof. Dr. Goh Kian Mau for been part of it.

27 Ogos 2021

Perkongsian Kerjaya: Peluang Kerjaya Bidang Biosains telah diadakan secara maya di media sosial Sekolah Menengah Islam Hidayah, Johor Bahru pada 27 Ogos 2021. Peluang kerjaya ini dikongsi bersama Profesor Dr. Zaharah dan Dr. Khairunadwa. Terima kasih diucapkan kepada kedua-dua panel!!

SEKOLAH MENENGAH ISLAM HIDAYAH
SLOT WACANA ILMU

PERKONGSIAN KERJAYA
PELUANG KERJAYA
BIDANG BIOSAINS

25
TARHUN BERASPIRASI
BERUSAHA BERSAMA
SMIH JOHOR BAHRU

*Dapatkan mata QR dengan menggunakan program ini.

JUMAAT | 27 OGOS 21
3-4PM

Media SMI Hidayah JB

Moderator
Ustaz Adam Lutfie
(Kauselor SMIH)

Prof. Dr. Zaharah Ibrahim
(Profesor Adjung
Jabatan Biosains UTM)

Dr. Khairunadwa Jemon
(Pensyarah Kanan
Jabatan Biosains UTM)

SUMBANGAN INFAQ ILMU-PIBG SMIH

BANK ISLAM
01041010011274

PIBG



Dr. Norahim Ibrahim telah berkongsi teknik membuat baja berasaskan perapan hasil sisa ikan yang diterbitkan di dalam majalah Keluarga. Hasil perapan gula merah dan sisa ikan dalam nisbah 1:1 telah berjaya menghasilkan baja dalam bentuk cecair selepas 3-4 minggu. Aplikasi baja ini ke atas pokok didapati menghasilkan pokok yang subur. Tahniah!

Perkongsian tersebut boleh di baca di pautan berikut <https://www.keluarga.my/pensyarah-pertanian-ini-kongsi-cara-buat-baja-guna-perut-ikan-rupanya-pokok-jadi-lebih-subur-dan-daun-besar-besar/?fbclid=IwAR0SCmM1UhG6JUDTMv4aRDFkrmgseR5VdIEIhoOAhtYoR3aUPCijYbwchJE>

STAFF ACTIVITIES

Q&A SESSION FOR FYUP SYMPOSIUM 2021

Congratulations to all students and best wishes for your next adventure! We would also like to thank all Bioscience Programm students and all the examiners for your constructive comments and time.

14 September 2021

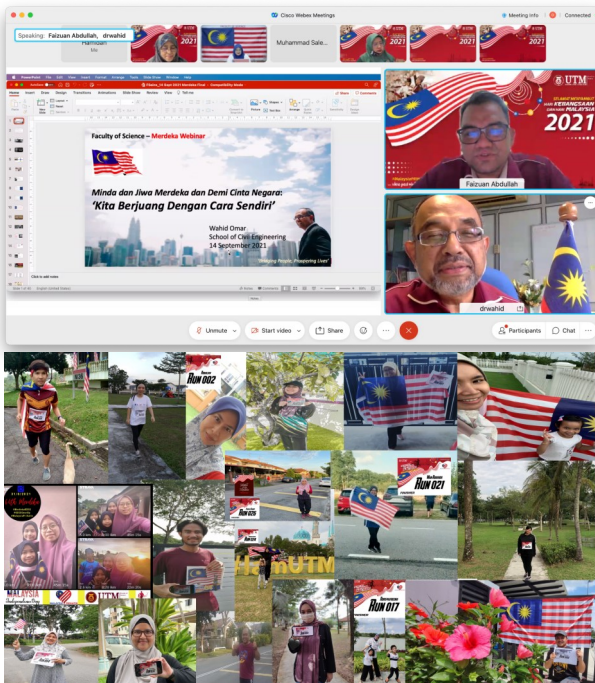


14 September 2021

WEBINAR KEMERDEKAAN DAN MAJLIS PENUTUP PROGRAM KEMERDEKAAN FAKULTI SAINS OLEH PROF. DATUK IR. DR. WAHID BIN OMAR

Program Kemerdekaan dan Hari Malaysia Fakulti Sains telah diadakan dengan jayanya mulai 29 Ogos 2021 hingga 12 September 2021 secara atas talian. Antara program yang di adakah adalah siri webinar kemerdekaan, Pertandingan Merekabentuk Pelitup Muka (MyMask@Merdeka), Pertandingan Klik @ Kemerdekaan, Pertandingan Mewarna Merdeka and Virtual Run@Ride.

Majlis penutup diraikan dengan Webinar Bersama Prof. Datuk Ir. Dr. Wahid telah diadakan pada 14 September 2021. Tahniah diucapkan kepada Dr. Nurashikin kerana telah mendapat tempat ketiga bagi pertandingan mereka bentuk pelitup muka dan adik Aliesya Zara (anak kepada Dr. Nurzila) yang telah mendapat tempat kedua dalam pertandingan mewarna.



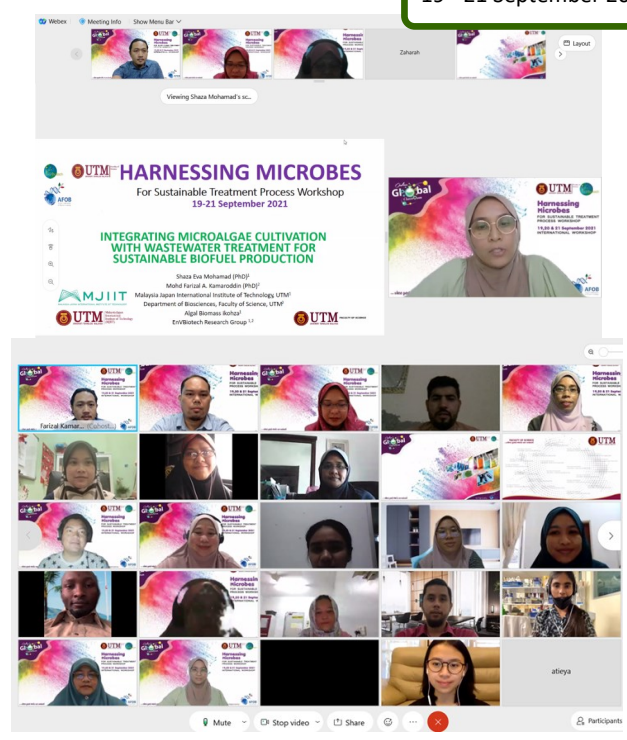
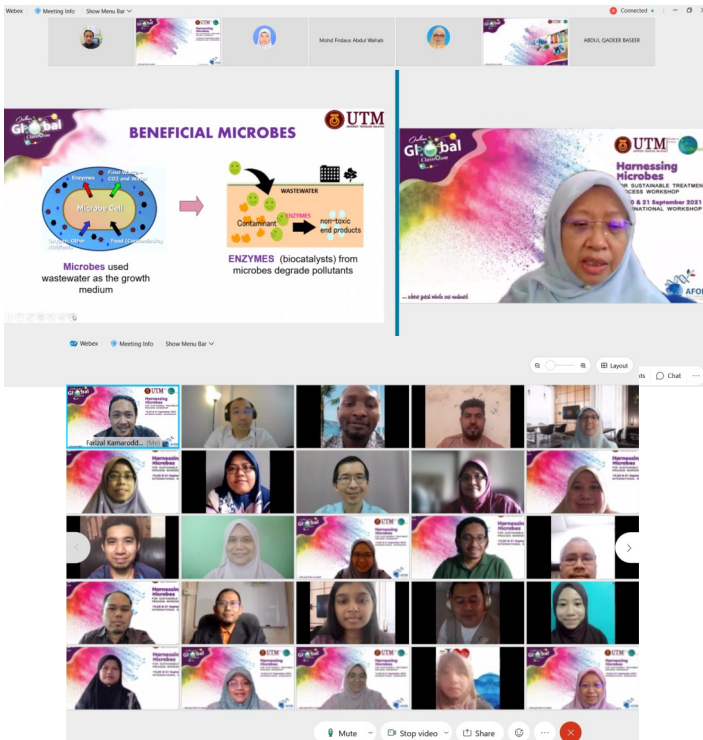
STAFF ACTIVITIES

Harnessing Microbes for Sustainable Treatment Process Workshop 2021

The Harnessing Microbes Workshop is a flagship program organized by the Environmental Biotechnology Research Group (EnVBioTech), Faculty of Science, UTM. EnVBioTech is a leading research group on environmental biotechnology, working on various aspects of environmental biotechnology, microbiology and biochemistry.

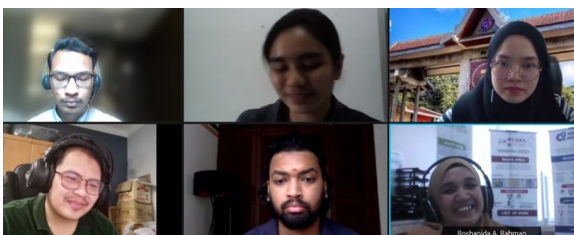
This year's workshop, held virtually from 19th-21st September 2021 in collaboration with the Asian Federation of Biotechnology (AFOB) and supported by the Resource Sustainability Research Alliance UTM. This year, due to the pandemic restrictions, talks were given through Webex online teleconferencing platform, with several modules delivered via interactive video walk-through. This year's workshop was also integrated with and sponsored by the Faculty of Science Online Global Classroom (OGC) event, which allowed faculty students to participate in the various talks delivered. Altogether, more than 30 participants benefited from the programs outlined. Well done and congratulation EnVBioTech!

19 - 21 September 2021



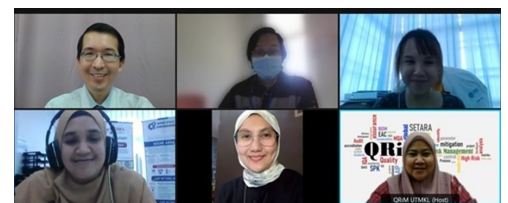
AUDIT PEMATUHAN BAGI PENGEKALAN AKREDITASI PENUH PROGRAM AKADEMIK PASCASISWAZAH BUKAN PROFESIONAL UTM BAGI TAHUN 2021 FAKULTI SAINS

Audit bagi Program PMBB3 & MMBB telah dijalankan pada 22 September 2021. Tahniyah diucapkan kepada penyelaras (Prof. Madya Dr. Goh Kian Mau dan Dr. Mohd. Helmi) serta terima kasih diucapkan kepada para pensyarah yang terlibat secara langsung dan tidak langsung dengan audit ini.

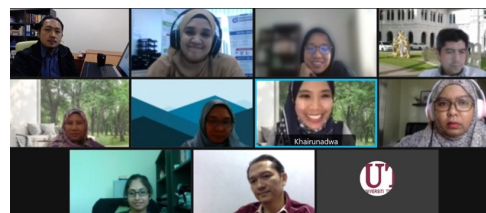


Temubual bersama pelajar

22 September 2021



Temubual bersama majikan



Temubual bersama staf akademik

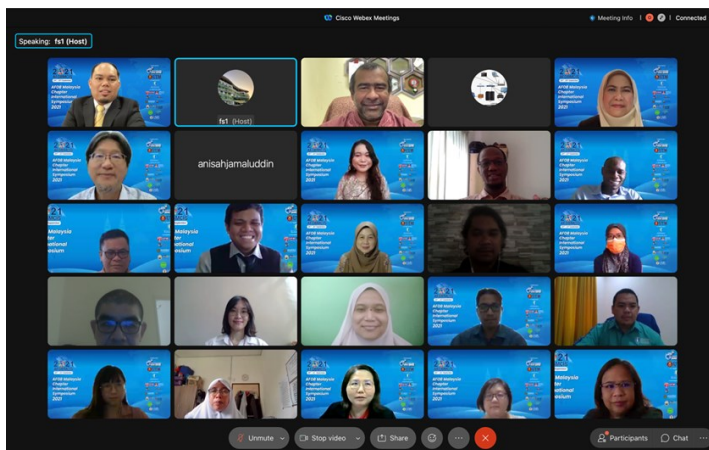
STAFF ACTIVITIES

22 - 23 September 2021



The 3rd Asian Federation of Biotechnology Malaysia Chapter International Symposium (AFOBMCIS) 2021 was successfully conducted virtually by Department of Biosciences, Faculty of Science, Universiti Teknologi Malaysia (UTM). The symposium was organised virtually through the Webex online platform due to the COVID-19 pandemic. The symposium was jointly organised by AFOB Malaysia Chapter (AFOB MC) and Universiti Malaysia Pahang (UMP) with several universities (Universiti Putra Malaysia (UPM), Universiti Teknologi Mara (UiTM), Universiti Malaysia Sabah (UMS), Universiti Malaysia Sarawak (UNIMAS), Universiti Islam Antarabangsa Malaysia (UIAM), Universiti Malaya (UM), Universiti Malaysia Perlis (UNIMAP), USCI University, Universiti Kuala Lumpur (UniKL) and research institutions (MPOB and MARDI).

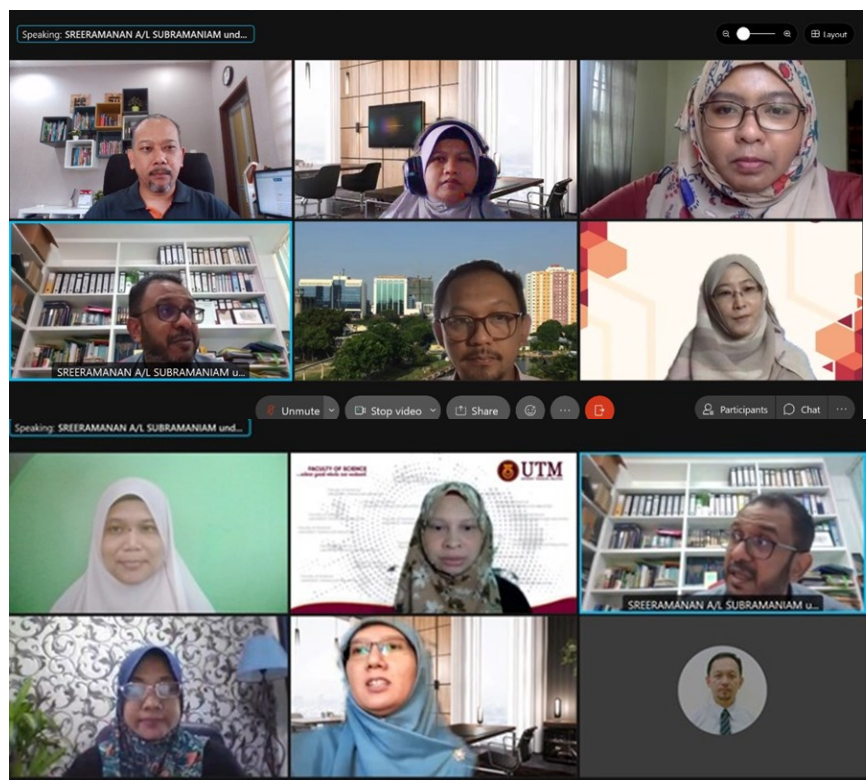
The international symposium was chaired by Dr. Mohd Helmi (UTM) and co-chaired by Dr. Rozaimi (UMP). The opening remarks were given by the patron of AFOBMCIS 2021 cum President of AFOB MC, Prof. Ts. Dr. Suraini (UPM) and officiated by UTM Vice-Chancellor, Prof. Datuk Ts. Dr. Ahmad Fauzi.



27 September 2021

AUDIT PEMATUHAN BAGI PENGEKALAN AKREDITASI PENUH PROGRAM AKADEMIK PASCASISWAZAH BUKAN PROFESIONAL UTM BAGI TAHUN 2021 FAKULTI SAINS

Audit bagi program MMBT2 telah dijalankan pada 27 September 2021. Tahniah diucapkan kepada kumpulan pasukan Penyelaras MMBT2 (Sarjana Sains Pengkhususan Bioteknologi) yang diketuai oleh Dr. Siti Pauliena yang telah bertungkus lumus menyediakan dokumen bagi kelancaran audit ini. Tidak lupa juga kepada Dr. Adibah, Dr. Huszalina dan kesemua pensyarah-pensyarat yang terlibat dalam menjayakan audit pematuhan Program MMBT.

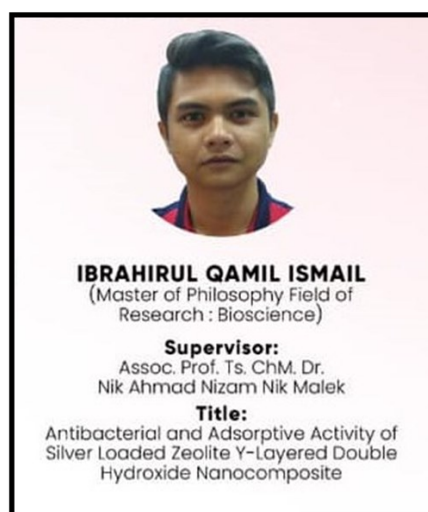


STUDENT ACTIVITIES

Congratulations to Jamunaa A/P Ravindran (Master of Science Candidate; supervisor: Dr. Zaidah) on winning 2nd Prize entitled Peptide Biomarkers: Fingerprints of Elite Oil Palms and Nirusha Nair A/P N. Kumar (Bachelor of Science-Industrial Biology; supervisor: Dr. Praseetha) on Consolation Prize entitled Anticancer Effects of Ginger and Curcumin on Cervical Cancer Cells, at the 4th Research Canvas Competition organized by UTM Library. Well done to students and supervisors!!!



Congratulations Mr. Ibrahimul Qamil Ismail (Master student from Department of Biosciences) under supervision of Assoc. Prof. Ts. ChM. Dr. Nik Ahmad Nizam Nik Malek on winning the Best Presenter award at the recent 8th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS2021)!



ALUMNI

Mr. Mohd Akmal bin Azhar, our alumnus; Bachelor of Science (Industrial Biology) 2006 gone viral when he completed his PhD study while working as a food rider. Actions speak louder than words, and yours tell an incredible story! We are so proud of you!!



MEET OUR ALUMNI



Name: **Dr. Azlinah Binti Dato Mohd Sulaiman, PJM**

Course (batch): Biologi Industri (2005)

Position: Biologist

Job scope: Ensure in the smooth running of the operation and maintenance of Bio-Analytical and Chemical Lab involving but not limited to safety, inventory management, calibration and services to comply with Environmental, Health and Safety (EHS) and Department of Environment (DOE) Regulation.

Company: Agilent Technologies

Tough situation build strong people. No challenge, no success. No beginner, no expert.

Name: **Sabda bin Safiee**

Course (batch): Biologi Industri (2005)

Position: Research Officer

Job scope: Isolation, purification, and identification of actinobacteria included SFE-seeding, fermentation and extraction (2006-2019).

2019-now:

Commercialization of Microalgae for aquaculture feed (team member).

Healthcare/high value products development from Microalgae (team member).

Reference person for operation of Algae Cultivation Facility (ACF), SBC.

Company: Sarawak Biodiversity Centre



Everything is for Allah

CONGRATULATIONS



UTM Faculty of Science
UNIVERSITI TEKNOLOGI MALAYSIA

Congratulations

PROF. MADYA TS. CHM. DR. NIK AHMAD NIZAM NIK MALEK
(DEPARTMENT OF BIOSCIENCES)

Kurita Water and Environment Foundation
KURITA OVERSEAS RESEARCH GRANT BEST RESEARCH AWARD

TITLE:
Development of Silver-Zeolite-LDH (Layered Double Hydroxide) Composite for the Removal of Bacteria, Cationic and Anionic Compounds in Water

From the Management Team and Staff, Faculty of Science

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UTM Faculty of Science
UNIVERSITI TEKNOLOGI MALAYSIA

Congratulations

Assoc. Prof. Ts. ChM. Dr. Nik Ahmad Nizam Nik Malek
(Department of Biosciences)

Members:
Dr. Juan Matmin
Dr. Azman Samad
Dr. Siti Salwa Alias
Dr. Ezza Syuhada Sazali
Dr. Khairunadwa Jemon
Ts. ChM. Dr. Faizuan Abdullah
Ts. Dr. Muhammad Safwan Abd. Aziz
For Securing Contract Research Grant

PLATINUM COATINGS

From Platinum Coating Malaysia Sdn. Bhd.

Fund Approved: RM 30,000.00
01st October 2021 – 31st March 2022

From the Management Team and Staff, Faculty of Science

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UTM Faculty of Science
UNIVERSITI TEKNOLOGI MALAYSIA

Congratulations

DR. MOHD FIRDAUS ABDUL WAHAB
(Department of Biosciences)

for Being Selected In
UTMShine
(Strategy for Harnessing and Inspiring Top Notch Scientist and Researchers)
2020 (BATCH 6)

From the Management Team and Staff, Faculty of Science

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UTM Faculty of Science
UNIVERSITI TEKNOLOGI MALAYSIA

Congratulations

DR. MOHD FIRDAUS ABDUL WAHAB
(Department of Biosciences)

for Being Awarded as
2021 OUTSTANDING ASIAN SCIENCE DIPLOMAT

From the Management Team and Staff, Faculty of Science

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Tahniah

diucapkan kepada penerima
Anugerah Penerbitan
Anugerah Penulis dalam Jurnal Berindeks (Fakulti-Jabatan Biosains)

CITRA KARISMA

Majlis Anugerah Kecemerlangan & Penghargaan UTM 2021



Biosains
Prof. Madya Dr. Shafinaz Shahir



Biosains
Dr. Chong Chun Shiong



Biosains
Prof. Dr. Fahrul Zaman Huyop

CONGRATULATIONS

Tahniah
diucapkan kepada penerima
Anugerah Penerbitan
Anugerah Penulis dalam Jurnal Berindeks (Fakulti-CoE)
CITRA KARISMA
Majlis Anugerah Kecemerlangan & Penghargaan UTM 2021



Prof Madya Dr Nik Ahmad
Nizam Nik Malek

Tahniah
diucapkan kepada penerima
Anugerah Perkhidmatan Cemerlang
CITRA KARISMA
Majlis Anugerah Kecemerlangan & Penghargaan UTM 2021

 <p>Dr. Siti Pauliena Mohd Bohari</p>	 <p>Dr. Zarita Zakaria</p>	 <p>Dr. Nurashikin Ihsan</p>	 <p>Amalina Ramli</p>
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Congratulations

Dr. Raihana Ridzuan
for her achievement in receiving

**UTM
Encouragement Grant
(UTMER) 2021**



UTM
UNIVERSITI TEKNOLOGI MALAYSIA