



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

# BioBuzz

Jabatan Biosains, Fakulti Sains, Universiti Teknologi Malaysia

e-ISSN: 2756-8725

OKT- DIS 2022

## STAFF CORNER

Setinggi-tinggi  
تهنئة  
**Tahniah**  
diucapkan kepada



**DR. FAEZAH MOHD SALLEH**  
(Jabatan Biosains)

Atas pelantikan sebagai  
**PENLONG DEKAN  
(KUALITI & STRATEGI)**

Berkuatkuasa mulai  
**01 DISEMBER 2022**

Daripada Pengurusan dan Seluruh Warga  
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تهنئة  
**Tahniah**



**PROF. MADYA TS. CHM. DR. NIK AHMAD NIZAM NIK MALEK**  
(Jabatan Biosains)  
(Menjalankan Tugas Pengarah  
Ibnu Sina Institute for Scientific & Industrial Research (ISI-SIR))

atas pelantikan semula sebagai  
**PENGAHAI  
PUSAT BAHAN NANO TERMAMPAN  
(CSNANO)**

berkuat kuasa mulai  
**1 OKTOBER 2022 – 30 SEPTEMBER 2024**

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**Tahniah**  
atas penganugerahan  
**SARJANA SAINS  
(KESELAMATAN, KESIHATAN DAN ALAM SEKITAR)**

sempena  
**MAJLIS KONVOKESYEN  
UNIVERSITI TEKNOLOGI MALAYSIA (UTM) KE-66**



**ENCIK NAZIRUL MUBIN NORMANSAH**  
Penolong Jurutera (J29)

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تهنئة  
**Tahniah**

**Science Graduates  
66<sup>th</sup> Convocation Ceremony  
Universiti Teknologi Malaysia**

**41 DOCTOR OF PHILOSOPHY DEGREES**

**61 MASTER'S DEGREES**

**383 BACHELOR'S DEGREES**

**TOTAL GRADUATES  
485**

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**OKTOBER**

YUSNIZAM SAMSUDIN	1 OKTOBER
ABDUL FATTAH 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

**NOVEMBER**

FARAH WAHIDA ZAIMUDIN	6 NOVEMBER
HARYATI JAMALUDDIN	7 NOVEMBER
NORAHIM IBRAHIM	9 NOVEMBER
NOOR HIDAYAH MD NOOH	24 NOVEMBER

**DISEMBER**

NOR AZLAN NASRUDIN	5 DISEMBER
NURLIYANA AHMAD ZAWAWI	20 DISEMBER
ZAIDAH RAHMAT	23 DISEMBER
ZULFAUZI ZAKARIA	8 DISEMBER

# BioBuzz Team

Penasihat: PM. Dr. Alina Wagiran.

Pengerusi: Dr. Nurzila Ab Latif.

Ahli: PM. Dr. Nor Azimah Mohd Zain, Dr. Wan Rosmiza Zana Wan Dagang, PM. Dr. Razauden Mohamed Zulkifli, PM. Dr. Norahim Ibrahim, Dr. Siti Halimah Hasmoni, Amalina Ramli, Hamidah Mat Arif, Norsyuhada Jaafar.

## STAFF ACTIVITIES



4 Oktober 2022

### FS LIVING LAB

Sesi *pitching* oleh Fakulti Sains untuk menarik minat lebih ramai staf untuk menyertai Makmal Hidup Fakulti Sains. Sesi *pitching* ini disampaikan oleh PM. Dr. Norazah Basar (Jabatan Kimia), Dr. Mohd Farizal Ahmad Kamaruddin, Dr. Azman Ab Samad dan PM. Dr. Norahim Ibrahim dari Jabatan Biosains. Syabas semua.

4 Oktober 2022

### Breast Cancer Awareness Month 2022

In conjunction with Breast Cancer Awareness Month 2022, Cancer & Infectious Disease Research Group (CAID) has conducted a talk by Dr. Anitha Ponnupillai entitled 'Association Between Breast Cancer and Gynecological Cancers: What Community Must Know'. The talk was conducted through WEBEX platform on the 4<sup>th</sup> October 2022. Congrats CAID.



5 Oktober 2022

### GOTONG ROYONG MAKMAL PGR2, FYUP2 DAN CAL

Gotong- royong telah dilaksanakan oleh unit Pengurusan Makmal Jabatan Biosains telah diketuai oleh Pn. Amalina Ramli. Gotong- royong ini dijalankan di bilik- bilik gunasama dan makmal *Post-graduate Research 2* (PGR2), Makmal Projek Sarjana Muda (FYUP2) dan *Central Analytical Lab* (CAL).





# STAFF ACTIVITIES

## AKTIVITI PELUPUSAN SISA BIOLOGI

Aktiviti kutipan sisa biologi dibuat pada setiap bulan di T02 mengikut tarikh yang telah ditetapkan oleh *Institutional Biosafety Committee* (IBC), UTM. Aktiviti pengumpulan dan pelupusan ini dipantau oleh Pn. Suhaidah Suleiman.

12 Oktober, 9 November & 15 Disember 2022



**PINKTOBER EXPLORACE & TALK**  
BREAST CANCER AWARENESS MONTH 2022

15 OCTOBER 2022 | 9 - 12 PM | T02, UTM

**PRIZES**

- 1ST PRIZE: RM240 VOUCHER + RM40 HAMPER
- 2ND PRIZE: RM160 VOUCHER + RM40 HAMPER
- 3RD PRIZE: RM120 VOUCHER + RM40 HAMPER
- CONSOLATION PRIZE: RM50 HAMPER X2

**EXPLORACE**  
PARTICIPANTS: SECONDARY SCHOOL STUDENTS 13 - 15 YEARS OLD

**BREAST CANCER AWARENESS TALK**  
**SCREENING AND EARLY BREAST CANCER DETECTION**  
FREE EXAMINATION AND SCREENING AVAILABLE

DR SABARIAH OMAR  
MEDICAL OFFICER  
KLINIK KESIHATAN TAMAN UNIVERSITI

SCAN HERE TO REGISTER | SCAN HERE FOR FB PAGE

## Pinktober Explorace & Talk

In conjunction with Breast Cancer Awareness Month, CAID has launched its Pinktober Explorace & Talk. The participants of the explorace program were from the secondary school students from Johor Bahru area. There was also breast cancer awareness talk by Dr. Sabariah Omar from Klinik Kesihatan Taman Universiti. Besides that, free examination and early breast cancer detection also available during that day. Congratulations CAID for conducting a very good program like this.





# STAFF ACTIVITIES

26 Oktober 2022

The Industrial & Innovation Showcase (SIIFS) which was held at T02, Faculty of Science was attracted a number of local industries and students to the event. The event open a platform for students to engage with local industries and to explore research innovation from UTM's researchers.

During the event, ChM. Dr. Mohd Firdaus Abd Wahab had shared the valuable information about MoU and MoA with UTM.



A meeting with local industries during SIIFS regarding the possible collaboration, internship and industrial visit by students. The meeting was attended by ChM. Dr. Mohd Firdaus Abd. Wahab (Biosciences).

Come And Join Us For The

## FACULTY OF SCIENCE INDUSTRIAL & INNOVATION SHOWCASE (SIIFS)

**26 October 2022**  
Wednesday  
8.30 AM - 5.00 PM  
T02, Faculty of Science

Register Now!

Tentative	
Time	Activities
8.00 am - 8.30 am	Registration
8.30 am - 9.00 am	Opening Ceremony
9.00 am - 1.00 pm	Faculty Sharing Industry Engagement Interview Session
1.00 pm - 2.00 pm	Lunch Break
2.30 pm - 4.30 pm	MoU & MoA with UTM Matching Grant FS Laboratory
4.30 pm - 5.00 pm	Closing Ceremony

### Opportunities and benefits

- Engagement With Local Industries
- Internship Opportunity
- Job Interview
- Job Opportunity
- Introduction To Research
- Research/Entrepreneur Exhibition

FREE Refreshment!

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[@utm.my](#)  
[@umofficial](#)



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# FS OPEN LAB DAY

**26.OCT  
2022**

**8.30 AM - 5.00 PM**

**COME VISIT US!**

**We offer the following services suitable for:**

- F&B Industries
- Natural Products and Cosmeceutical
- Pharmaceutical Industry
- Microscopy
- Spectroscopy & Elemental Analysis
- Computer Lab Rental and many more

**Some of our equipment:**

- ELISA Plate Reader
- AAS
- ICP (ICPMS, ICP-OES)
- HPLC
- Critical Point Dryer
- SEM
- XRD
- Raman
- UV-Vis
- FTIR
- EDXRF

**Events:**

- FS Online Logcard App Launching
- Topup Rebates & Referral Bonus\*
- UTM Research and Industry Showcase
- Free Logcard Vouchers\*
- Free Food Vouchers\*
- Lab Visits and many more

\*Terms and Conditions apply

**T02,**  
Faculty of Science,  
Universiti Teknologi  
Malaysia, 81310  
UTM Johor Bahru

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26 Oktober 2021

Program ini adalah dibawah anjuran Pengurusan Makmal Fakulti Sains yang di ketuai Pengurus Makmal Fakulti Sains, Dr. Yap Yung Szen. Program ini bertujuan untuk mempromosikan perkhidmatan analisis yang tersedia di jabatan Biosains, Kimia, Fizik dan Matematik. Semasa program tersebut juga diberi rebat tambahan antara 1% hingga 15% mengikut jumlah amaun yang dikreditkan ke dalam akaun log kad FS bagi penggunaan alatan analisis di FS. Semasa program ini juga peserta dan pelajar berpeluang melawat makmal-makmal analisis yang telah ditetapkan di blok T02, T05 dan C17.





## STAFF ACTIVITIES



28 & 29 Oktober 2022

Bioscience department successfully organised BIO OUTDOOR SURVIVAL 2022 at Hutan Rekreasi UTM. This event were organized by Dr. Mohd Farizal and team. Sixty biosciences students were enjoys the camping and extreme educational activities including Jungle Survival.

Happy camping to all!!



Dr. Abdul Fatah A. Samad gave spiritual filling to all the participants as part of the Bio Outdoor Survival 2022 programme.



A sharing session of "7 Habits of Highly Effective People" by Assoc. Prof. ChM. Ts. Dr. Nik Ahmad Nizam Nik Malek to 60 biosciences students during BIO OUTDOOR SURVIVAL 2022.

### KELAS AMALI BERSEMUKA SEPENUHNYA

Setelah 2 tahun kelas amali tidak dapat berjalan secara bersemuka sepenuhnya disebabkan kekangan covid 19 dan PKP, Alhamdulillah pada semester ini (SEM 1 2022/2023) kelas amali dapat berjalan sepenuhnya. Antara kelas amali yang berjalan pada semester ini adalah Mikrobiologi, Kejuruteraan Genetik, Pengenalan kepada Kejuruteraan Bioproses, Fisiologi Haiwan, Teknologi Tisu Kultur dan Aplikasi Tisu Kultur.



30 Oktober 2022



## STAFF ACTIVITIES

### LATIHAN TUMPAHAN BIOLOGI

Latihan Tumpahan Biologi ini adalah bersempena Fiesta Keselamatan dan Kesihatan Pekerjaan Fakulti Sains yang berlangsung dari 2-10 November yang melibatkan pelbagai program berkaitan keselamatan dan kesihatan. Latihan ini dikendalikan Dr. Saleha Shahr selaku pengerusi IBC sebagai fasilitator dan peserta yang terlibat adalah terdiri dari kalangan staf pengurusan makmal biosains, penyarah dan juga pelajar. Dalam latihan ini telah diberi pendedahan untuk tangani masalah tumpahan biologi pada skala besar dan bahan-bahan yang perlu ada untuk mewujudkan kit tumpahan biologi sendiri di makmal-makmal.

3 November 2022



### AKTIVITI PELUPUSAN BAHAN KIMIA TERJADUAL

Aktiviti dapat dijalankan dengan jayanya setelah 2 tahun sisa bahan kimia tertangguh tidak dapat diambil akibat PKP dan masalah pengambilan sisa yang terhad. Proses pengambilan sisa ini dilakukan sebanyak lima pusingan menggunakan kenderaan PPMU bagi mengangkut dan membersihkan semua sisa kimia yang terkumpul. Aktiviti ini dipantau oleh En. Mohd Hasrul selaku pegawai bertanggungjawab mengurus sisa terjadual di T02.

6 November 2022



### Penyerahan Mesin Bio-Komposter Oleh J-Biotech Corp Kepada Penyelidik UTM

Perbadanan Bioteknologi & Biodiversiti Negeri Johor (Jbiotech Corp) di dalam usaha merencanakan lagi agenda kestabilan makanan (*food security*) kebangsaan telah mengambil langkah proaktif melalui penajaan mesin bio-komposter yang berupaya menghasilkan baja kompos dari sisa makanan dalam masa sesingkat 24 jam. Berdasarkan kepada komitmen dan minat yang tinggi terhadap pengukuhan kesedaran berkaitan pengurusan sisa pepejal, khususnya sisa makanan, di kalangan masyarakat, bagi tahun 2022, PM Dr. Norahim Ibrahim, dari Jabatan Biosains, Fakulti Sains UTM telah terpilih sebagai salah seorang penerima mesin tersebut yang bernilai RM50,000 di dalam majlis bersempena Johor Food Security Hero Daerah Segamat yang berlangsung di Dewan Karyawan, UiTM Segamat Johor.



16 November 2022



## STAFF ACTIVITIES

Sesi perkongsian FREE telah dilaksanakan bertujuan untuk menambah baik kemahiran para pensyarah dalam penyampaian mengguna pakai kaedah-kaedah baru. Penceramah pertama, Dr. Nurashikin Ehsan telah menyampaikan tata cara penggunaan TeacherMade.com. Dalam sesi ini beliau berkongsi maklumat bagaimana mendigitalkan kertas soalan dan quiz. Di samping itu, kupasan tentang kebaikan dan kekurangan platform tersebut juga diperbincangkan.

Sesi kedua oleh Ts. Dr. Wan Rosmiza Zana Wan Dagan berkongsi pengalaman beliau dalam Platform Kandungan interaktif mengguna pakai aplikasi Genially. Aplikasi ini dapat memberi daya tarikan kepada interaksi dua hala antara penyampai dan penerima. Genially sangat popular dikalangan korporat industri dalam penyampaian. Sesi selama satu jam tersebut telah dihadiri oleh para pensyarah daripada Jabatan Biosains dan dikendalikan oleh PM Dr. Razauden Mohamed Zulkifli sebagai Moderator.

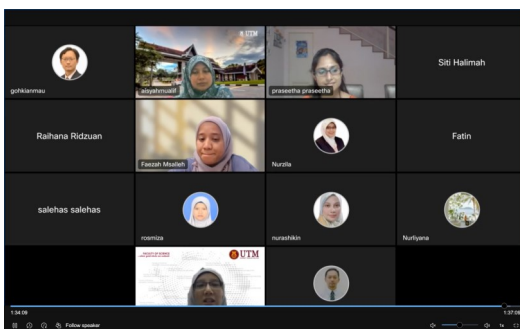
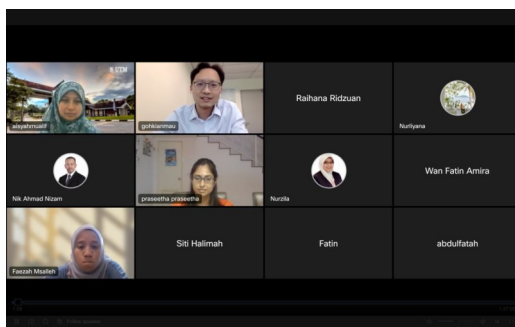
15 November 2022



1 Disember 2022

### FRGS buddy Session-1

If you fail to plan, you are planning to fail. Thus, in accordance with UTM aspiration in increasing the acceptance rate of FRGS applicant from UTM, early preparation of FRGS proposal has been done. As the research coordinator of Department of Bioscience, Assoc. Prof. Dr. Goh Kian Mau took the initiative to help Bioscience staff by having few series of sharing experiences and tips in securing the grant: FRGS Buddy Session. The first series was held via online webex entitled: FRGS grant- Struggles, disappointments, and feeling lost along the journey. The invited speakers were Dr. Praseetha and Dr. Siti Aisyah Muallif who are the recipients of FRGS 2022. The first series was attended by most of our academic staff.



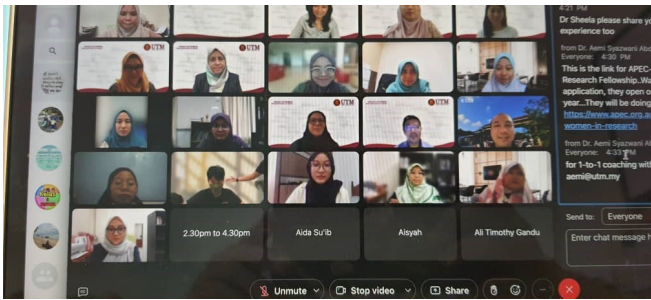
# STAFF ACTIVITIES



6 Disember 2022

## Women in Science Forum: Winning Prestigious Awards and Fellowships

Dr. Nur Izzati was one of the invited panelist in the forum as she was the recipient of Inclusive Science Leadership Program for Early- and Mid- Career Researchers in APEC (2022) and ASEAN-India Research Training Fellowship (2021). These forum was moderated by Dr. Sheela and the panels were Prof. ChM. Dr. Zaiton and Dr. Aemi Syazwani and was attended by academic staff from UTM and also outside of UTM. The forum discuss on the process of application, their goals in life, their trials and tribulations, their passion, wisdom on life and also a snippet of their favourite activities and what do they do to unwind. This was such an inspiring sharing session for women in academia where the woman has to wear many hats at work and at home but you can still make it and spread your wings to have an international research experience or receive renowned research awards.



## Bengkel Pembangunan Kursus Akademik Pensijilan Profesional dan Program Kebolehpasaran (Pro2GE) Fakulti Sains, Hotel Ramada

Bengkel ini diadakan bersama pihak industri dari JBiotech dan ALS instrument bagi membincangkan bagaimana meningkatkan kebolehpasaran para graduan prasiswazah di Jabatan Biosains. Bengkel ini dihadiri oleh PM Dr. Alina, PM Dr. Madihah, PM Dr. Shafinaz, ChM. Dr. Mohd Firdaus, Dr. Faezah, Dr. Khairunnadwa, Dr. Nurriza, Dr. Nur Izzati, Dr. Siti Halimah dan Dr. Mohd Aizuddin. Pandangan dan diskusi yang membina telah dijalankan bagi merancang latihan atau program yang diperlukan oleh para pelajar di Jabatan Biosains bagi memberi nilai tambah dan meningkatkan mutu serta kebolehpasaran pelajar ini apabila telah bergraduasi.



7 Disember 2022

## PROGRAM UVIS 2022- SESI LATIHAN KEMAHIRAN



7 Disember 2022

Program ini melibatkan pengenalan asas penggunaan alat, Bench Top Scanning Electron Microscope di Central Analytical Lab dan ELISA Reader di Nutritional Biochemistry Lab. Pensyarah yang terlibat untuk program ini adalah Dr. Zaidah Rahmat fasilitator bagi Bench Top Scanning Electron Microscope dan PM Dr. Razauden Zulkifli fasilitator bagi ELISA Microplate Reader dan dibantu oleh En. Muhammad Hanif. Program ini dihadiri beberapa staf pengurusan makmal antaranya; En. Muhammad Shahril, Pn. Farah Wahida, Pn. Suhaidah, Pn. Noor Hidayah, Pn. Norsyuhada dan Pn. Wan Aznida.



# STAFF ACTIVITIES



## Second FRGS Buddy Session

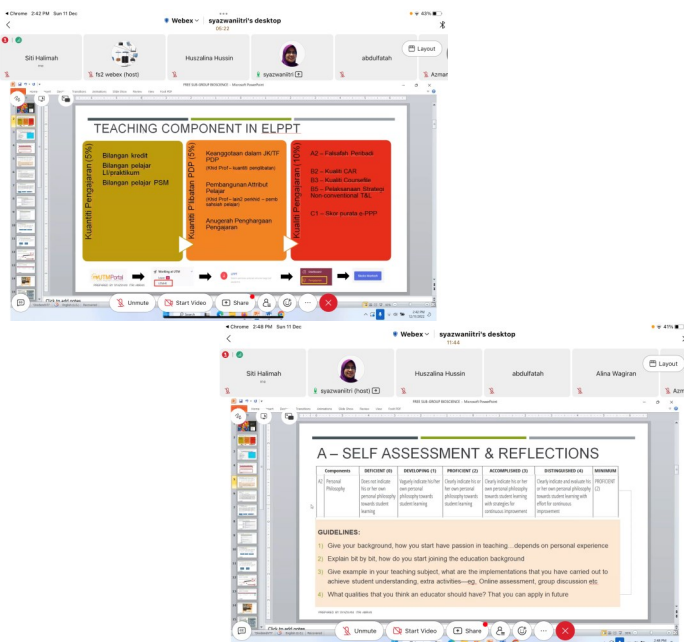
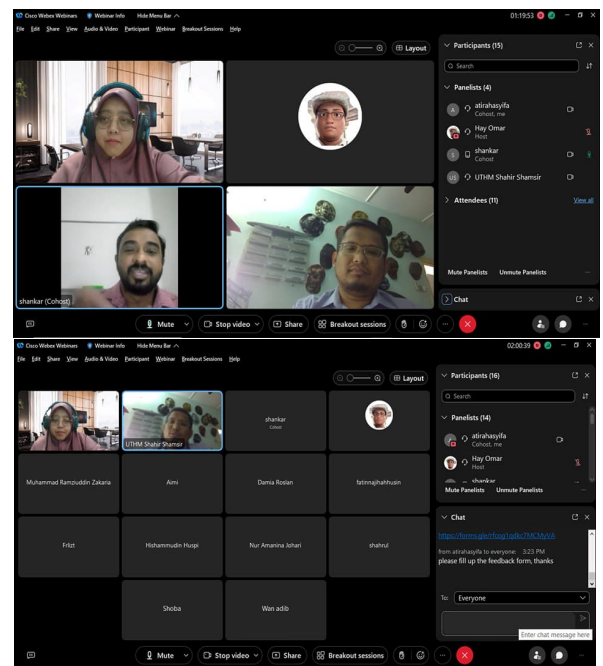
For the second series, entitled “Aha! Finally, I understand what FRGS is all about” was held physically at BK1 and was attended by 20 of our academic staff. The invited speaker for this series were Dr. Faezah, Assoc. Prof. Dr. Chong Chun Shiong and Assoc. Prof. Dr. Goh Kian Mau.

8 Disember 2022

11 Disember 2022

## Webinar Leadership Skills: Nurture Future Leaders in Research

Prof. Dr. Mohd Shahir Shamsir Omar is the invited speaker in sharing his wisdom and experience on leadership skills and tips in becoming future leaders in research. This event was organized by Biosas and Bioscience department. This webinar session was attended by students, alumni and our academic staff.



## Taklimat Pengisian Sistem Tes

Dr. Syazwani Itri Amran, salah seorang ketua Sub-FREE group leader Jabatan Biosains telah dijemput untuk mengendalikan taklimat cara- cara pengisian pada sistem TES. Sistem TES merupakan sistem penunjuk prestasi staf akademik bagi komponen pengajaran. Taklimat ini dijalankan secara dalam talian melalui Webex dan dihadiri oleh staf akademik Jabatan Biosains. Diskusi, sesi soal jawab, penjelasan untuk perkara yang sama turut dibincangkan pada sesi taklimat ini. Terima Kasih Dr. Syazwani Itri atas taklimat dan perkongsian ini.

11 Disember 2022

## STAFF ACTIVITIES

15 Disember 2022



### Launching of Kuru kuru FS at T02

Do you know that 85% of our clothes end up in the landfill or burned? Do you know that according to World Bank, global waste will increase by 70% by the year 2050 from 2015? This is a critical issue, let's do our part by reduce, recycle and reuse, and as quoted by the team Preloved is reloved. PM Dr. Nor Azimah, Dr. Saleha, Puan Zaleha and Puan Shamimi initiated a Kuru Kuru space for everyone to donate their unused items such as clothes, shoes, toys, books and a lot more. Another bonus thing is that everyone can pick anything they want or need from the space and bring them back home for free but only for the first item. For the second item and the next, RM 1 is needed to be paid per item.

The launching of Kuru kuru FS was officiated by our Dean, Prof. ChM. Dr. Zaiton and this event was attended by most of our staff residing at T02. The launching has been graced with delicious serving of egg sandwich, teh tarik and mee hoon goreng.



### AUDIT DALAMAN KKP JABATAN BIOSAINS (T02)

Audit dalaman siri akhir bagi 2022 (siri ke-4) dalam kalendar unit KKP Jabatan Biosains ini dijalankan pada 15 Disember 2022. Pemilihan makmal adalah secara rawak dan makmal yang terpilih untuk siri ini adalah *Plant Biotech Lab*, *Microbiology Research Lab* dan *Proteomic Lab*. Auditor yang terlibat untuk audit sesi ini adalah En. Nazirul Mubin Normansah, En. Zulfauzi Zakaria, Pn. Amalina Ramli dan En. Muhammad Shahril Sazali.





## STAFF ACTIVITIES

22 Disember 2022

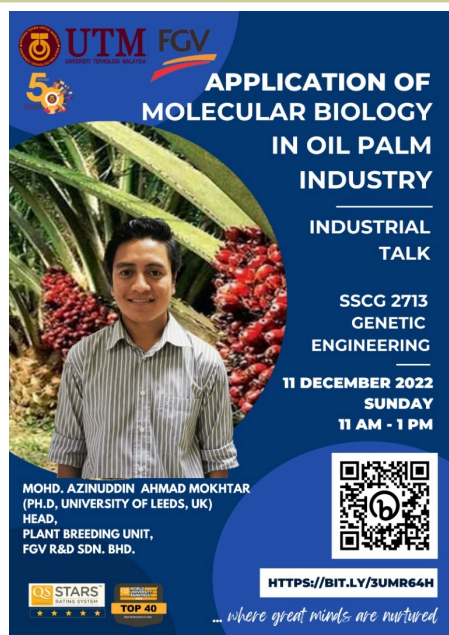
### Majlis Bacaan Yassin dan Sambutan Hari Lahir Staf Jabatan Biosains

Majlis dimulakan pada 9.05 pagi dengan bacaan doa seterusnya bacaan surah Yassin. Kemudian majlis diteruskan dengan penyampaian sumbangan serta jamuan ringan. Majlis bersurai pada jam 12 tengahari. Terima kasih kepada Badan Kebajikan Biosains (BAKEB) kerana telah menganjurkan majlis ini.



## STUDENT ACTIVITIES

11 Disember 2022



Our second year undergraduate student has the opportunity to attend a talk by Dr. Mohd Azinuddin Ahmad Mokhtar who is the head of plant breeding unit at FGV R&D Sdn Bhd on Application of Molecular Biology in Oil Palm Industry. This is a great effort by the Genetic Engineering course lecturers (Dr. Nurriza, Dr. Nurashikin and Dr. Abdul Fatah) in inviting a scientist from the industry to give an exposure to students of the theories, applications, and practicality of molecular biology techniques. Furthermore, this webinar also helps in introducing students to careers related to the field of molecular biology and also train students in 'interpersonal skills' through communication and engagement with the industry as the students are required to ask questions to the speaker. Also, the webinar was attended by our academic staff to be updated with the current trends and approaches in improving the breed and plant in the oil palm industries.

### PROGRAM INSENTIF BIO-JOHOR 2022

18 Disember 2022

Program ini merupakan pertama kali bagi para pelajar UTM menerima set kelengkapan komputer riba dan aksesori dari pihak Bio-Johor. Simbolik penyerahan set komputer riba dan aksesori telah dijalankan pada 10 November 2022 bertempat di Dewan Kuliah Bangunan Sri Karwayan, UiTM Segamat. Seramai 5 orang pelajar prasiswazah Program Biosains telah terpilih ialah Yeoh Qi Hen, Kon Hui Shang, Ong Pei Feng, Muhammad Danish Mirza dan Julia Ameera.

Penyerahan set komputer riba dan aksesori seterusnya disempurnakan oleh wakil JBiotech iaitu Puan Nor Azura Ahmad pada 18 Disember 2022 bertempat di Bangunan T02, Jabatan Biosains, yang diwakili oleh Dr Huszalina Hussin. Di harapkan agar pelajar yang terlibat dapat memanfaatkan komputer riba tersebut untuk kegunaan semasa pengajian di UTM.



# STUDENT ACTIVITIES

**Online Global Classroom**  
**WEBINAR**  
 on "Biological Control Technology and Development 2022"  
**18th DEC 2022 SUNDAY**  
 11-1:30PM (MYT)

**Speaker 1:** Aidatul Nabillah binti Abdul Aziz (Group 1), Title: Biological Control in Oil Palm Plantation

**Speaker 2:** Nur Syahira Binti Jamil (Group 2), Title: Biological Control in Pineapple Plantation

**Speaker 3:** Thoe Joe Meng (Group 3), Title: Biological Control in Paddy Field

**Speaker 4:** Amirah Amalia Binti Abdul Razak (Group 4), Title: Biological Control in Small Ruminants Farming

**Speaker 5:** Nadrotul Huda Binti Ahmad (Group 5), Title: Biological Control in Cocoa Plantations

**Speaker 6:** Nur Syahira Binti Zulkaffli (Group 6), Title: Biological Control in Freshwater Fish Farming

**Moderator:** Nurul Hanisah binti Mohd Shukur (3rd Year SSCB)

Meeting link: shorturl.at/ksA17  
 Meeting number: 293 817 2502  
 Password: 33949895 (from phones)

UTM, STARS, TOP 40, www.utm.my

## Online Global Classroom (OGC): BIOLOGICAL CONTROL TECHNOLOGY & DEVELOPMENT 2022

Students enrolled for Biological Control and Environment Conservation (SSCB3213) from the Department of Biosciences of Universiti Teknologi Malaysia (UTM) has organized an Online Global Classroom (OGC) was conducted via Webex platform. This goal for this webinar were to share knowledge and awareness to students about biological control in Malaysia and also from Nigeria and Myanmar. Besides, this program also builds relationships between our students with international universities. On the first day of the OGC, 110 students from UTM and international students attended the webinar where 6 speakers from SSCB3213 class presented their topics. On the second day, three sessions of public lectures were delivered by UTM representatives, Dr. Raihana Ridzuan, representative of the State Department of Agriculture, Myanmar namely Dr. Khin Aye Myint and the representative of Federal University Kashere, Gombe State, Nigeria which is Dr. Usman Magaji. In addition, activities such as Kahoot! and lucky draw were carried out to make this webinar more interesting and enjoyable at the same time strengthen the student’s understanding.

**Online Global Classroom**  
**WEBINAR**  
 on "Biological Control Technology and Development 2022"  
**20th DEC 2022 TUESDAY**  
 2:30 - 5:00 PM (MYT)

**Speaker 1:** Dr. Raihana Ridzuan, Universiti Teknologi Malaysia, Title: Introduction to Spalangids (Cecropia An Economically Important Plant Family)

**Speaker 2:** Dr. Khin Aye Myint, State Department of Agriculture, Myanmar, Title: Pest and Disease Management of Rubber

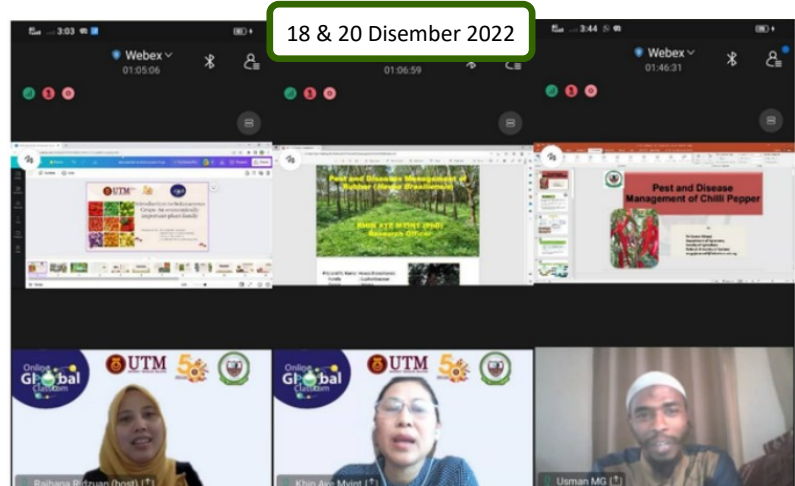
**Speaker 3:** Dr. Usman Magaji, Federal University of Kashere, Nigeria, Title: Pest and Disease Management of Chili Pepper (Capsicum annuum)

**Welcoming Speech by:** Assoc. Prof. Dr. Alina Wagiman, Director, Department of Biosciences, Faculty of Science, Universiti Teknologi Malaysia

**Moderator:** Nur 'Afiqah Kamri (3rd Year SSCB)

Meeting link: shorturl.at/jC112  
 Meeting number: 25157692372  
 Password: fgdaxxB925 (34372925 from phones)

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## 3Minutes Final Year Project Competition

Tahniah di ucapkan kepada pelajar tahun akhir Sains Biologi, Nur Azmira Alea binti Nurhazli kerana telah memenangi tempt pertama dalam pertandingan "3Minutes Final Year Project Competition" bagi katogeri Sains dan Teknologi. Tajuk projek beliau adalah "Bioflocculation of *Chlorella vulgaris* using Fungal Mycelium".

Tahniah diucapkan dan selamat maju jaya.

Disember 2022



## STUDENT ACTIVITIES



## ALUMNI

### MEET OUR ALUMNI

#### Dr. Mohd Raznan Ramli

Course (batch): Industrial Biology (2005)

Position: PostDoc Researcher

Job scope: Research in environmental science related to biodiversity and climate change.

Company: Universiti Malaya



*You can achieve anything as long as you believe in it*

#### Nor Roziyana binti Abdul Razak

Course (batch): Industrial Biology (2005)

Position: Science Teacher (Secondary school)

Job scope: Preparing lesson plans, tests and assignments, supervising students during investigations and experiments.

Company: Kementerian Pendidikan Malaysia



*Lihatlah ke atas untuk belajar menjadi lebih baik  
Lihatlah ke bawah untuk belajar mengucapkan syukur*



## Kursus Latihan Fasilitator (ToT) Bagi Program Pemindahan Ilmu dan Teknologi Kepada Komuniti Sekitar Kampus

Seramai lebih 100 orang mahasiswa dari pelbagai fakulti telah menyertai bengkel "Urban Community Service Living Lab" yang bertempat di Dewan Sri Merbauan, Kolej Tun Hussein Onn, UTM, dengan kerjasama Syarikat EMRO Malaysia Sdn. Bhd. sebagai penaja utama. Program yang dikendalikan oleh PM Dr. Norahim Ibrahim ini bertujuan melatih pelajar yang bakal menjadi penggerak utama program-program bercorak pemindahan ilmu dan teknologi serta kelestarian alam sekitar, yang akan diadakan pada tahun 2023 nanti. Pada sesi tersebut, peserta-peserta telah didedahkan dengan teknologi pengkomposan sisa makanan menggunakan kaedah bokashi, di samping penerapan perkara-perkara asas berkaitan pengurusan sisa pepejal bagi memastikan hasrat universiti menjadikan warga pelajar dan staf sebagai medium universiti untuk masyarakat (university for community) melalui penyebaran ilmu dapat dicapai.



26 November 2022

## Karnival Iskandar Puteri Rendah Karbon 2022

PM Dr. Alina, Dr. Azman serta Dr. Nurrisa mewakili pasukan UTM bagi projek komuniti pengkomposan telah dijemput untuk memberi taklimat serta demonstrasi kepada pelajar sekolah di negeri Johor yang menghadiri karnival tersebut tentang pengkomposan menggunakan sisa makanan untuk kelestarian pertanian.

1 Disember 2022





10 Disember 2022

## Launching of MHB-MBPG-UTM River Rehabilitation Programme, Sungai Buluh, Pasir Gudang

We heard about the terrible spillage at the infamous Sungai Kim Kim in Pasir Gudang way back in 2019, this event hopefully has create an awareness for us in being more compassionate towards our river. Thus, it was a great honour for UTM to be chosen and able to share its expertise in helping the initiative by Malaysia Marine and Heavy Engineering Holdings Berhad (MHB) with the joint effort from Majlis Bandaraya Pasir Gudang (MBPG) to have a long- term environmental initiative to rehabilitate Sungai Buluh, Pasir Gudang. "The River Rehabilitation Programme, named 'MHB River Warriors', is aimed to improve river's health with ecological rehabilitation while raising local communities' awareness through engagement and environmental education, and ensuring sustainable development and improvement quality of life."

The launching of the initiative took place at Laman Rekreasi, Sungai Buluh where signing of MOU between MHB-MBPG-UTM was held followed up by the UTM research experts showcasing and demonstrating their strategies for the river rehabilitation programme. In addition, people attended the event has the opportunity to participate in the module that was develop by UTM team for this programme, such as mixing the macrocomposite for river remediation strategies and composting using food waste for reducing waste. Prof. Dr. Zaharah, Prof. ChM. Dr. Zaiton, Assoc. Prof. Dr. Shafinaz, Assoc. Prof. Dr. Norahim and Dr. Siti Halimah are on the macrocomposite team with the help from our students Balqis Nurul Huda, Muhammad Izzan, Amir and Nurul Syahirah. Dr. Mohd Farizal and his students showcase their microalgae as pollutant indicator whilst Dr. Huszalina showcased her compost with the help of her special mixture of microbe friends.





# CONGRATULATIONS



**UTM** 50  
*... where great minds are nurtured*

## Congratulations

**ASSOC. PROF. DR. NORAHIM IBRAHIM**  
(Department of Biosciences)

Members:  
Dr. Mohd Farizal Ahmad Kamaruddin  
Prof. Ir. Ts. Dr. Mohd. Fadhill Md Din (FKA)  
Nurfarhain Mohamed Rusli (ISI-SIR)  
Dr. Wan Zailha Wan Sembok

for securing  
**GERAN TRANSFORMASI EKONOMI (SOCIAL TECH NEXUS) UTM**

from  
UTM Centre For Community & Industry Network (CCIN)

Project Title:  
Pemeriksaan Ekonomi Komuniti B40 Kangkar Pulai

Fund Approved: RM 30,000.00  
1<sup>st</sup> October 2022 – 31<sup>st</sup> March 2024

From the Management Team and Staff  
Faculty of Science

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## Congratulations

**ASSOC. PROF. DR. NORAHIM IBRAHIM**  
(Department of Biosciences)

Members:  
Prof. Ir. Ts. Dr. Mohd. Fadhill Md Din (FKA)  
Nurfarhain Mohamed Rusli (ISI-SIR)  
Ts. Mohd Sohami Abdullah

for securing  
**SME INTECH ACCELERATOR FUND 2022**

from  
UTM INNOVATION AND COMMERCIALISATION CENTRE (ICC)

Project Title:  
Projek Pemprosesan Kitar Semula Air Baqi Industri  
Pembuatan Tauhu Menggunakan Teknologi Membran UTM

Fund Approved: RM 50,000.00  
1<sup>st</sup> October 2022 – 31<sup>st</sup> March 2024

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Faculty of Science

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## Congratulations

**DR. NURASHIKIN IHSAN**  
(Department of Biosciences)

for securing  
**GERAN PENJANA KEMENTERIAN PENGAJIAN TINGGI – PENSIJILAN PROFESIONAL (PENJANA KPT-PACE)**

from  
Ministry of Education Malaysia

Project Title:  
Professional Certificate of Food Safety & Quality Management System Auditor

Fund Approved: RM150,000.00

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Faculty of Science

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## Congratulations

To  
**Faculty of Science Researchers**

For receiving  
**UTM Encouragement Grant (UTMER) 2022**

**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

Dr. Abdo Mohammed Ali Al-Fakih  
Dr. Ang Tau Keong  
Dr. Lim Yeou Jiann  
Dr. Mohd Aizuddin Mohd Lazaldin  
ChM. Dr. Naharullah Jamaluddin  
Dr. Shaymaa M.H. Darwish  
Dr. Wan Fatin Amira Wan Mohd Zawawi

Total Amount Received  
**RM 417,400.00**

From the Management Team and Staff, Faculty of Science

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**UTM** 50  
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## Congratulations

To  
**Faculty of Science Researchers**

For receiving  
**UTM Fundamental Research Grant (UTMFR) 2/2022**

**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

Assoc. Prof. Dr. Fong Wan Heng  
Assoc. Prof. Dr. Goh Kian Mau  
Ts. Dr. Muhammad Safwan Abd Aziz  
Ts. Dr. Najji Arafat Haji Mahat  
ChM. Dr. Susilawati Toeman

Total Amount Received  
**RM 568,208.00**

From the Management Team and Staff, Faculty of Science

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## Congratulations

for winning  
**GOLD MEDAL**

**IRICIE 2022**  
International Research Conference and Innovation Exhibition 2022 (IRICIE 2022)  
23<sup>rd</sup> November 2022

**ASSOC. PROF. TS. CHM. DR. NIK AHMAD NIZAM NIK MALEK**  
(Department of Biosciences)  
Project Leader

Members  
Ts. ChM. Dr. Nor Suriani Sani (iHumEn)  
Dr. Muhammad Hariz Asraf Hassan  
Ts. Dr. Mohd Aliff Alira Bin Sani (UniKL)  
Ibrahimul Qamil Ismail

Title  
**Dual Antibax Cleansing Soap**

Organized by  
Universiti Kuala Lumpur (UniKL)  
Majlis Amanah Rakyat (MARA)  
MARA Corporation

From the Management Team and Staff  
Faculty of Science

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## Congratulations

appointment as an  
**AFFILIATE OF THE YOUNG SCIENTISTS NETWORK - ACADEMY OF SCIENCES MALAYSIA (YSN-ASM)**

16<sup>th</sup> December 2022 – 31<sup>st</sup> December 2023

**ASSOC. PROF. DR. NOR AZIMAH MOHD ZAIN**  
(Department of Biosciences)

From the Management Team and Staff  
Faculty of Science

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