

# BIO BUZZ

JABATAN BIOSAINS, FAKULTI SAINS

KELUARAN : APR- JUN 2020

<https://science.utm.my/biosciences/>

## BioBuzz Team

### Penasihat:

Prof. Madya Dr. Shafinaz Shahir  
Dr. Siti Pauliena Mohd Bohari

### Pengerusi:

Amalina Ramli

### Ahli:

Dr. Nurzila Ab Latif  
Dr. Siti Halimah Hasmoni  
Hamidah Mat Arif  
Hafnira Md Raduan  
Wan Aznida Wan Mohd Anuar  
Tc. Zulfauzi Zakaria



### APRIL

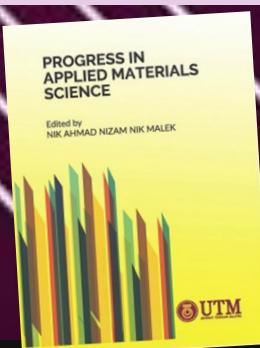
NURASHIKIN BINTI IHSAN : 3 April  
MOHAMMED RAFIQ AZIZ : 13 April  
NUR IZZATI BT MOHD NOH : 14 April  
NAZIRUL MUBIN NORMANSAH : 16 April

### MEI

MOHD HELMI BIN SANI : 2 Mei  
AMALINA RAMLI : 5 Mei  
SITI HALIMAH BINTI HASMONI : 5 Mei  
MUHAMMAD RAZAINI RAMLI : 25 Mei

### JUN

MUHAMMAD HANIF MUHAMMAD HATTA : 5 Jun  
MADIHAH BINTI MD SALLEH : 8 Jun  
AZMAN BIN ABD SAMAD : 9 Jun  
NIK AHMAD NIZAM BIN NIK MALEK : 18 Jun  
ZALEHA JAAFAR : 23 Jun  
PRASEETHA A/P PRABHAKARAN : 25 Jun  
NORSYUHADA JAAFAR : 27 Jun



Congratulation to Assoc. Prof. Dr. Nik Ahmad Nizam Nik Malek on the publication of a book entitled "Progress in Applied Materials Science".

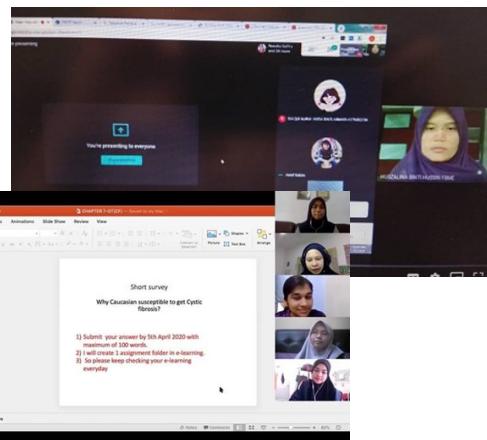
## STAFF ACTIVITIES



### ONLINE LEARNING

1 April 2020

UTM has implemented online learning for all teaching and learning (T&L) activities. Most of our academic staffs are adapting and excelling their deliverance of online learning during this time of crisis. Beforehand, the lecturers were advised to know the state of connectivity of their student in order for the T & L to be run smoothly. Furthermore, most of our academic staff attended online learning training organized by OLC, UTMLead to fully equip them in this new norm. The Covid-19 crisis really pose a great challenge not only to the students but also the educators.



### STAF BERTUGAS BERGILIR SEMASA PKP

1 April 2020



Bermula dari PKP Fasa 1, staf makmal telah diarahkan untuk bertugas seminggu sekali dan hanya melibatkan 2 orang staf dalam satu masa. Staf diminta untuk membuat semakan fizikal bagi memastikan makmal-makmal dan peralatan kritikal di T02 berada dalam keadaan yang baik.

Mulai dari 13 Mei 2020, staf makmal dibenarkan bertugas setiap hari. Namun begitu, terhad kepada 3 orang sehari. Pada bulan Jun di naikkan kepada 5 orang sehari sehingga tamat tempoh PKP.



### Taklimat dan Perbincangan Pelaksanaan Pembelajaran & Pengajaran Semester II 2019/2020 Fakulti Sains UTM

Taklimat dan perbincangan ini telah dipecahkan kepada dua (2) sesi mengikut jabatan. Sesi pagi untuk Jabatan Fizik dan Sains Matematik, Sesi petang untuk Jabatan Kimia dan Biosains. Taklimat ini telah disampaikan oleh Dekan dan Timbalan Dekan (Akademik & Hal Ehwal Pelajar). Tujuan taklimat dan perbincangan ini adalah bagi mendapat maklum balas dari pensyarah berhubung pelaksanaan pembelajaran dan pengajaran (PdP) secara atas talian sepanjang tempoh Perintah Kawalan Pergerakan (PKP).

5 April 2020

**Taklimat dan Perbincangan Pelaksanaan Pembelajaran & Pengajaran Semester II 2019/2020 Fakulti Sains UTM**

**Jab. Fizik**  
Meeting link : <https://bit.ly/39G2zzd>

**Jab. Sains Matematik**  
Meeting link : <https://bit.ly/3dPl5zd>

**Jab. Kimia**  
Meeting link : <https://bit.ly/3dPl5zd>

**Prof. Dr. Abdull Rahim Mohd Yusoff**  
Dekan, Fakulti Sains UTM

**Platform Aplikasi:** UTMWebex  
**Tarikh:** 5 April 2020 (Ahad)

Rujukan:  
<https://www.utm.my/2020/04/02/teaching-and-learning-activities-for-semester-ii-2019-2020/>

### UJIAN ANTIMIKROB HAND SANITIZER YANG DIHASILKAN FS

Projek Antimikrob ini telah diketuai oleh Prof. Madya Dr. Shafinaz dan Datin Prof. Dr. Zaharah bersama 3 orang staf teknikal Biosains dalam ujian antimikrob ke atas hand sanitizer yang telah dihasilkan oleh FS untuk barisan hadapan dan pelajar UTM.

13-16 April 2020



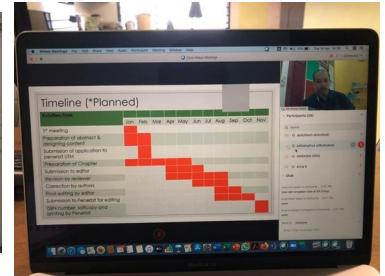
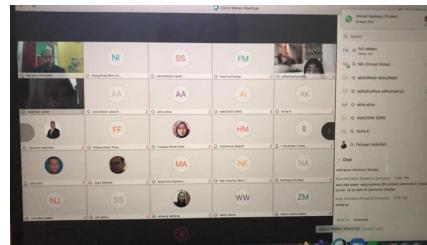
## STAFF ACTIVITIES



### FS SHARING SESSION: PROPOSAL FOR EDITED BOOK

Assoc. Prof. Dr. Nik Ahmad Nizam held a sharing session on how to prepare a proposal for an edited book. He has been an editor for a significant amount of edited research books published in UTM. This session he shared about the tips and tricks to become an editor and publish an edited research book.

14 April 2020



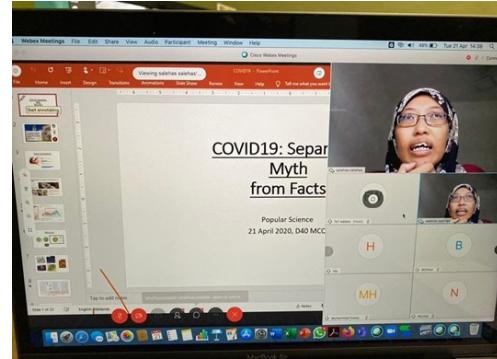
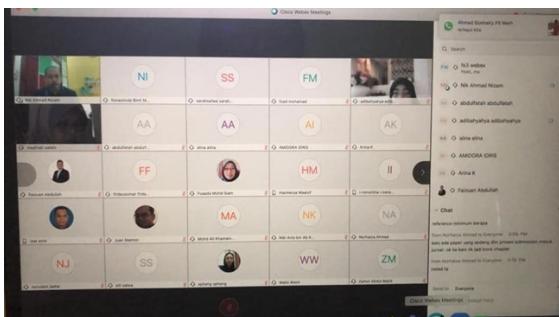
### Perjumpaan Staf Pejabat Pentadbiran T02

Satu sesi perjumpaan Penolong Pendaftar bersama Staf Pejabat Pentadbiran T02 telah diadakan secara atas talian. Ini merupakan perjumpaan pertama yang diadakan sepanjang tempoh Perintah Kawalan Pergerakan. Tujuan perjumpaan ini adalah untuk menyampaikan maklumat dan memantau keadaan staf.

14 April 2020



### COVID-19: Separating the Myth from The facts by Dr. Saleha Sahar



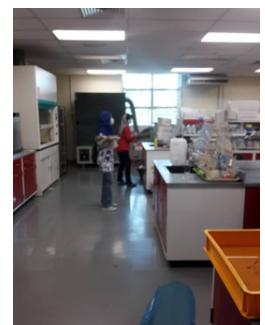
Dr. Saleha Sahar is a lecturer with a strong background in virology. She held a talk about Covid-19 debunking the myths and exposing the truth about viruses. The webinar is very informative, and a lot of issues have been discussed. The webinar successfully attracted almost 150 people from all over UTM.

23 April 2020

### Lawatan tapak Staf Unit Ubahsuai JHB ke T02

Lawatan tapak oleh Staf Unit Ubahsuai JHB telah diadakan untuk mengemaskini data kerosakan di T02 bagi tujuan penyediaan kertas kerja oleh pihak JHB.

23 April 2020



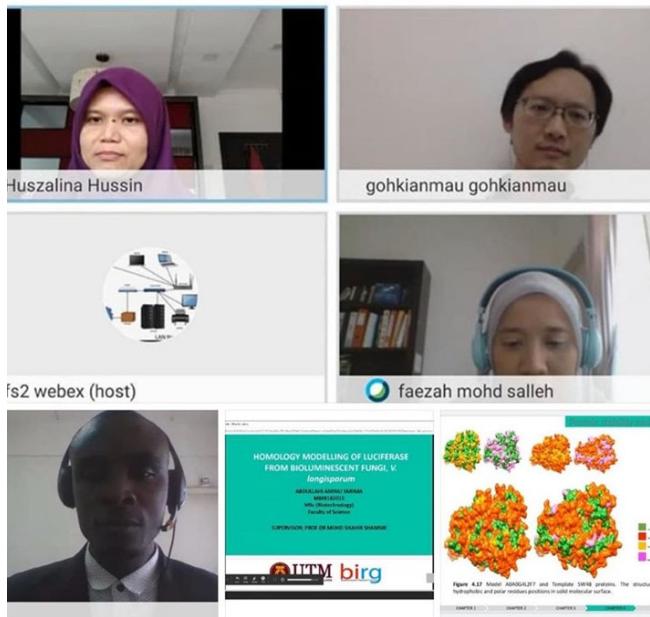
## STAFF ACTIVITIES



### FIRST ONLINE VIVA VOCE

The first ever online viva voce was done for Aminu Yarima, student of Prof. Dr. Shahir Shamsir.

23 April 2020



### SALAM PERPISAHAN BUAT PROF. MADYA DR. SALEHHUDIN HAMDAN



23 April 2020

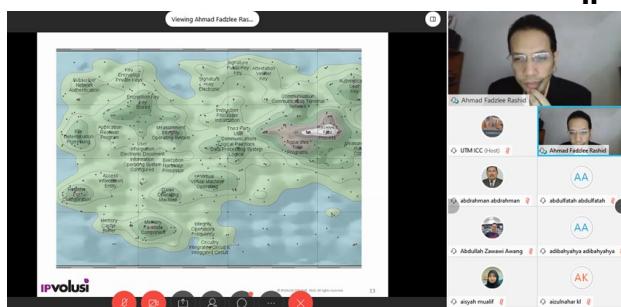
Majlis Persaraan Prof. Madya Dr. Salehudin telah diadakan secara atas talian dan dihadiri oleh staf akademik serta staf sokongan Jabatan Biosains.

### KAJIAN COVID -19 BERKAITAN UV SYSTEM



26 April - 12 Mei 2020

### Intellectual Property Awareness & Patent Search Course by Mr. Ahmad Fadzlee from IP Volusi Sdn. Bhd.



This course was attended by Dr. Azman, Dr. Adibah, Dr. Huszalina, Assoc. Prof. Dr. Nik Ahmad Nizam and Dr. Abdul Fatah. The course is an introductory course of the law and the tips in applying patent and about intellectual property.

3 Mei 2020

## STAFF ACTIVITIES



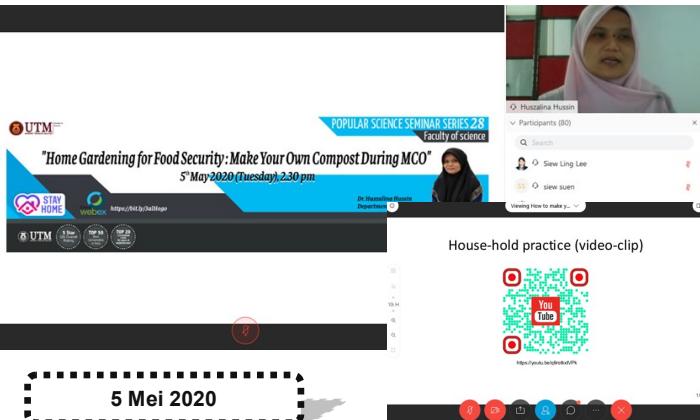
### APPLICATION OF KURITA WATER AND ENVIRONMENT FOUNDATION GRANT: TIPS AND TRICKS

Some of the academic staff from the Department of Bio-science including the KWEF 2019 grantee, Assoc. Prof. Dr. Nik Ahmad Nizam attended the talk by Assoc. Prof. Dr. Norhayati. The talk cover on the history of KWEF, step by step in applying the grant and some useful tips to successfully secure the KWEF grant. The grant is for young lecturers or researchers below 40 years old and is specifically for Malaysian with the maximum amount of about RM15,480. The purpose of the grant emphasize on the researchers intend and application in helping the country in terms of producing clean water or wastewater treatment.

4 Mei 2020



### Home Gardening for Food Security: Make your own compost by Dr. Huszalina Hussin



5 Mei 2020

Dr. Huszalina Hussin shared her passion on a project about Home Gardening using food waste. The talk was attended by 70 participants from all over UTM. She shared how to make your own compost using food waste and shared the QR code to the link of her video of the step by step in making your own compost. This information really inspire many to reduce waste and started or maintain their own garden in growing our own crops such as vegetables, fruits and herbs.

### Sharing session by Dr. Norahim Ibrahim entitle 'Turning Food Scraps into Black Gold: A Beginner guide to Urban Farming During MCO Period'



7 Mei 2020

### Turning Food Scraps Into Black Gold: A Beginner Guide To Urban Farming During MCO Period



by: NORAHIM BIN IBRAHIM  
(Universiti Teknologi Malaysia)

May 7, 2020

## STAFF ACTIVITIES



### SHARING SESSION BY ASSOC. PROF. DR. NIK AHMAD NIZAM

Sharing session by Assoc. Prof. Dr. Nik Ahmad Nizam Nik Maled with all postgraduate students with the title of 'Life After Ph.D'. This online course provides a platform for future planning and possibilities awaits the Ph.D. graduates.

12 Mei 2020

**LIFE AFTER Ph.D**

Postgraduate Online Structured Course

Attendance will be recorded in UTM RECORD

JOIN US IN WEBEX:  
(Hosted by IT SPS)  
Meeting number: 916037819 Cisco Webex  
Password: vICSUJJXX53

Tuesday, 12th May 2020  
2.00 pm (UTC+8.00) Kuala Lumpur, Singapore  
3 hrs

Honourable Speaker:  
A.P. Dr. Nik Ahmad Nizam Nik Malik

### AL-QURAN RECITATION PROGRAM



The Annual Muslimah Khatam Al-Quran Program Department of Biosciences, through Webex was held on Sunday from 10:00 pm - 11:15 pm. A total of 15 muslimah participated. Alhamdulillah program successfully held online for the first time during CMCO.

17 Mei 2020

### SHARING SESSION BY DR. ALINA WAGIRAN

19 Mei 2020

### "From Flower To Fruit: Steps To An Easy Pollination"

19<sup>th</sup> May 2020 (Tuesday), 2.30 pm

**POPULAR SCIENCE SEMINAR SERIES 29**  
Faculty of science



STAY HOME

webex <https://bit.ly/3dTqZYi>

Dr. Alina Wagiran  
Department of Biosciences

www.utm.my | [www.utm.edu.my](https://www.utm.edu.my) | [utm.my](https://utm.my) | [utmofficial](https://utmofficial)

5 Star QS Overall Rating | TOP 50 Best Universities in Asia | TOP 20 Universities Under 50 years old in Asia



### PENGHANTARAN DOKUMEN COPPA

Semua staf Jabatan Biosains telah terlibat sama untuk membantu meyediakan dokumen dan memberi bahan-bahan bukti yang diperlukan untuk Audit Pematuhan COPPA. Sehubungan dengan itu, pihak jabatan telah berjaya menghantar dokumen COPPA untuk program SSCG/ SMBB & SSCB/ SMBT kepada Fakulti Sains.

30 Jun 2020

## STAFF ACTIVITIES



### PROGRAM READ AND RELAX SESSION

Pn. Amalina Ramli telah dijemput sebagai tetamu jemputan untuk Program *Read And Relax Session* anjuran Perpustakaan UTM dan telah memberi ulasan untuk buku ber-*judul "Inspirasi Sukur".*

18 Jun 2020



### GOTONG-ROYONG SANITASI MAKMAL DAN PERSEDIAAN PEMBUKAAN MAKMAL



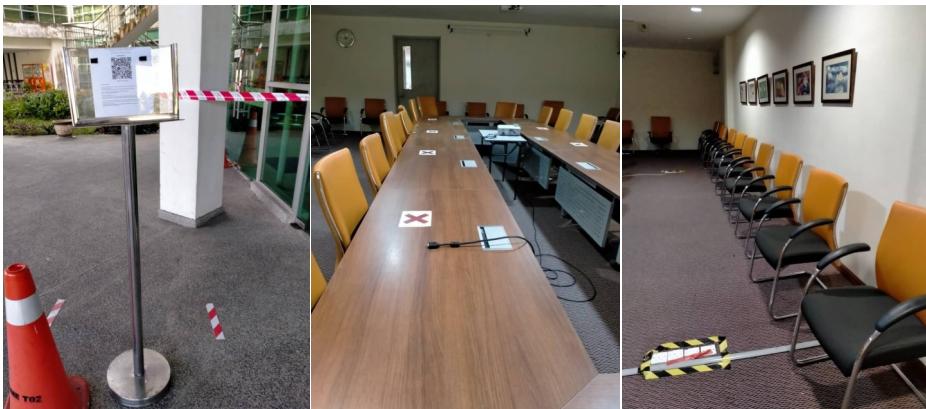
10 - 11 Jun 2020

Aktiviti gotong-royong dilaksanakan dalam beberapa kumpulan kecil bagi mematuhi SOP fasa PKPP. Antara aktiviti yang dilaksanakan adalah sanitasi tombol pintu dan ruang kerja di dalam makmal. Ruang kerja pelajar juga ditanda bagi memastikan penjarakan sosial dapat dilaksanakan.

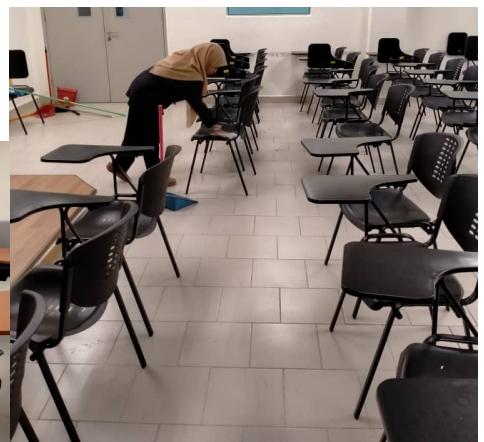
## INFORIA



### Normal Baharu di Tempat Kerja



Peraksanaan amalan normal baharu telah dilaksanakan dengan mengimbas QR code untuk merekod kehadiran, merekod suhu badan serta penjarakan sosial di ruang kerja. Ini melibatkan semua staf, pelajar, pelawat dan juga kontraktor yang masuk ke bangunan T02.



Program Gotong - Royong Pembersihan dan Sanitasi Bilik- bilik Kuliah, Bilik Mesyuarat dan Bilik Guna Sama di T02. Aktiviti ini dilaksanakan oleh Cik Zaleha, En. Azlan dan En. Rafiq pada setiap minggu pada hari Isnin dan Khamis pagi.





# meet our alumni

*"You only have one life and it is all about making decisions that define who you are. Don't fret over small things and keep looking forward."*

Mohamad Norisham Mohamad Rosdi

Bachelor of Science (Biology) 2011, Master of Science (Biotechnology) 2013,  
Doctor of Philosophy (Bioprocess Engineering) 2019

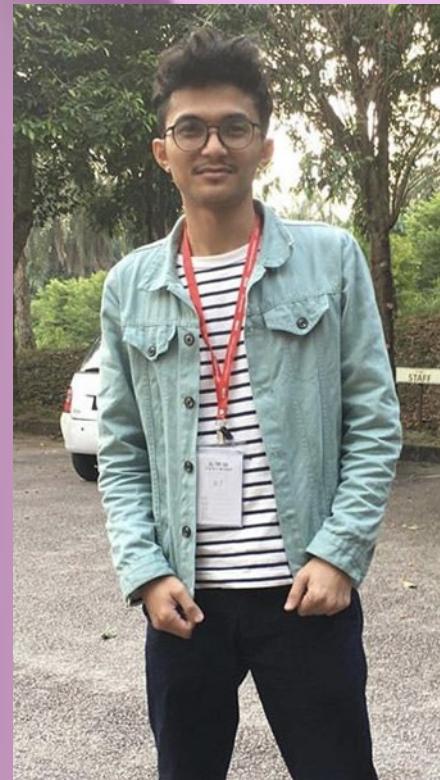
Post: Administrative Officer (Contract)

i - Oversee UTM students innovative and entrepreneurial activities

ii - Highly-involved in implementing UTM entrepreneurship policy

iii - Collect entrepreneurship database among students

Company: UTM Centre for Student Innovation and Technology  
Entrepreneurship (UTM XCITE)



AZZMER AZZAR ABDUL HAMID

B.Sc. in Biology (2008) ; Universiti Teknologi Malaysia (UTM)

M.Sc. in Biotechnology (2010) ; Universiti Teknologi Malaysia (UTM)

I have obtained my Ph.D from International Islamic University Malaysia (IIUM), in Biotechnology and upon completion, I was appointed as Assistant Prof at the Department of Biotechnology, Kuliyyah of Science, IIUM Kuantan Campus. I have started my teaching career as a tutor at Open University Malaysia, Johor Bahru and taught many Biology courses including Eukaryotic Diversity, Basic Genetics, Current Issues in Science and Plant Physiology. I gained my research experience during my post as a research assistant at the Faculty of Bioscience and Medical Engineering, UTM, Johor under the supervision of Prof Fahrul Zaman Huyop.

Apart from teaching and learning, I have served the Ministry of Education as an examiner for Matriculation programme and also as a reviewer for international Journals. At the faculty level, I was deputy dean Academic and Industrial Linkages (DDAIL), and I have facilitated 7 undergraduate programmes in my faculty to receive full accreditation status by MQA.

*Success is simple, Do what's right, The Right way, at the Right time – Arnold H. Glasgow*

## COMMUNITY &amp; STUDENT ACTIVITIES



## READ &amp; RELAX ONLINE BERSAMA MAHASISWA UTM



5 Mei 2020

Our first year student Nur Azmera Alea bt Nurhazli talk about the book The Da Vinci Code by Dan Brown. She first read the book when she was only 11 years old with the encouragement from her mother and was captivated by the movie. The book is a mixture of puzzles, symbols, treasure hunt, historical, thrill and suspense. Reading the book gives her a life changing experience and expand her mind of the matters of the world. This eventually lead her to read a lot of thrillers and suspense and shaping her into how she sees the world.

## The 1st prize winner (RM50) for FS Newton Moment – Week 4

Mei 2020

Congratulations to Liow Hui Li (4 SMBT) for her video entitled "Plastics". In this video, Hu Li shows the harmful effect of conventional fossil-based plastics and the so-called degradable plastics commonly used nowadays. This video also allow you to view the feasibility of producing chitin-based biodegradable plastics that causes no harm to the environment and humans. Through this video, Hu Li hopes that we move on to the use of bio-based biodegradable plastics and reduce conventional plastics usage.




**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

## PEMAKLUMAN ANNOUNCEMENT

**Majlis Konvokesyen  
UTM kali ke-64  
24 - 28 Oktober 2020  
adalah DITANGGUHKAN**

**The UTM 64<sup>th</sup>  
Convocation Ceremony  
24 - 28 October 2020  
has been POSTPONED**

[www.utm.my/convocation/](http://www.utm.my/convocation/)

Starting from  
27 APRIL 2020 (Monday)  
4 Ramadhan 1441H

11 am - 12 pm  
Sunday - Thursday

FEEL FREE to ask any question on academic matters

<https://utm.webex.com/meet/fs2.webex>

Tertakluk Kepada Perubahan  
Subject To Changes


**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

## VIRTUAL OFFICE

**VIRTUAL OFFICE**

Starting from  
27 APRIL 2020 (Monday)  
4 Ramadhan 1441H

11 am - 12 pm  
Sunday - Thursday

FEEL FREE to ask any question on academic matters

<https://utm.webex.com/meet/fs2.webex>

[www.science.utm.my](http://www.science.utm.my)

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... where great minds are nurtured  
#wecare

