

UM STEM ACTIVITIES

6th - 9th February 2020

Universiti Malaysia Terengganu (UMT)

Organised by: UM STEM Centre and Holistic Student Division, Department of Higher Education, Ministry of Education Malaysia.

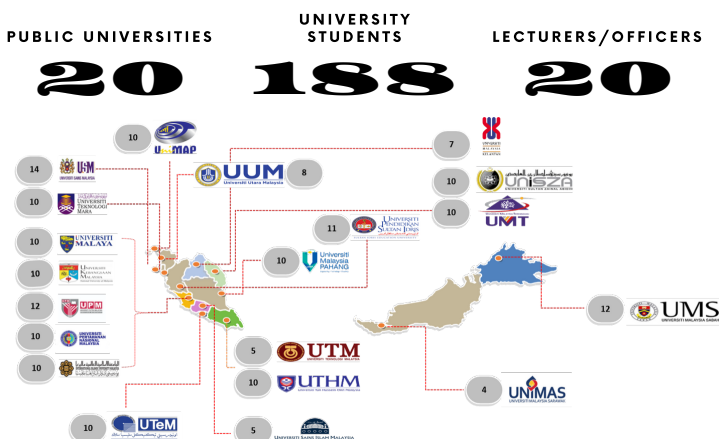
Coordinator of My STEM Ambassador Program:

Ir. Dr. Mas Sahidayana Mohktar,
Head of UM STEM Centre

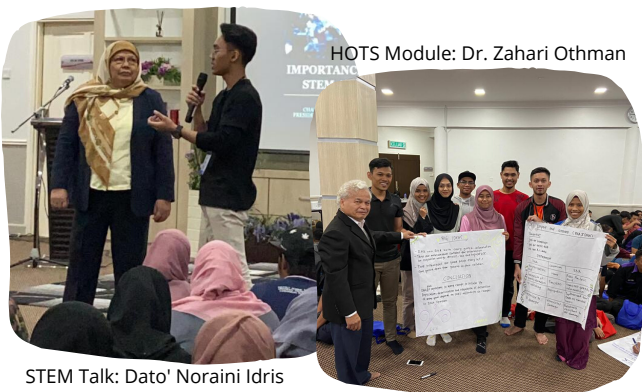
Objectives

My STEM Ambassador Club

1. To empower students holistically; in terms of innovation, technology skills; entrepreneurship, social skills and volunteerism; and
2. To establish effective relationships between universities and the local community especially schools to enhance STEM understanding and interest.



Activities at Pusat Sains & Kreativiti Terengganu (PSKT)



STEM Talk: Dato' Noraini Idris



Group photo: Lecturers & students



Team work: S.T.E.M Modules



UM students and facilitators

STEM Day @ PNS

13th February 2020

Politeknik Nilai, Negeri Sembilan

Exhibition: Let's Go to Mummie's Lab and
UM STEM Centre



**STEM
AMBASSADORS
IN ACTION!**



Program Mini Teater STEM Selangor

30th January 2020

Pustaka Raja Tun Uda, Shah Alam



Trifecta Club

Centre for Foundation
Studies in Science , UM

This club emphasized the learning of electronics and robotics, videography and 3D printing as we aimed for greater learning opportunities in the technological field which is crucial in conjunction with Industrial Revolution 4.0.

NEWSLETTER OF TRIFECTA CLUB

JANUARY 2020

Trifecta Club's 2020 was kicked off with a couple of mini workshops held by its members for its members. On the 11th January, a workshop by Circuit Breakers members by the name "Byte to Terabyte" was launched. Club members were exposed to basic programming skills as well as how to use and utilise Arduino Kits. On the 13th and 16th January, Somnium Typographus held a workshop called "Think Your Design, Think TinkerCAD" where members learnt how to design 3D products using an application called TinkerCAD, where these designs can be sold online or transformed into reality using 3D printers. Though these workshops were held by our own members, a lot was learnt.

Aside from that, Trifecta Club's collaborative volunteering work Terra Saviour with UM Zero Waste Campaign was initiated with two questionnaire sessions at Taman Seri Sentosa, Kuala Lumpur. Other than as an exposure to the life of a researcher for the club members, the questionnaire serves as a gauge to the awareness of the citizens of Taman Seri Sentosa regarding the proper solid waste management. Much was to be gained and experienced by the club members, and we hope that we continue to learn more so long as this program still runs.

Contact us
Email: trifecta@um.edu.my
Tel. no.: +0011 4010 0815 (Syafiq - President)
+0013 489 1450 (Khairina - Secretary I)

In collaboration with:
UM ZERO WASTE CAMPAIGN
UM STEM

Bengkel Penyediaan Laporan Program My STEM Ambassador Fasa 1 17th - 18th January 2020

Sentral Riverview Hotel, Malacca

Organised by: UM STEM Centre and Holistic Student Division, Department of Higher Education, Ministry of Education Malaysia.
Coordinator of My STEM Ambassador Program:
Ir. Dr. Mas Sahidayana Mohktar,
Head of UM STEM Centre
1st phase: UM, UTM, UMT, UTEM, UMS, UNISZA, UNIMAP, UPSI, UUM & USIM



Bengkel Program My STEM Ambassador Fasa 2 18th - 19th January 2020

Sentral Riverview Hotel, Malacca

Organised by: UM STEM Centre and Holistic Student Division, Department of Higher Education, Ministry of Education Malaysia.
Coordinator of My STEM Ambassador Program:
Ir. Dr. Mas Sahidayana Mohktar,
Head of UM STEM Centre
2nd phase: UKM, UPM, UPNM, UMP, UNIMAS, UTHM, UIAM, UITM, USM & UMK



SAMSUNG COLLABORATES WITH UNIVERSITI MALAYA TO ENABLE THE FUTURE GENERATION OF MALAYSIA

Samsung's commitment to "Enabling People" is not just an ambition – it is a brand promise to continuously help people fulfil their true potential for a better future, and what better way to keep that promise than by empowering the next generation? At its core, Samsung is committed to building a world that provides greater access to education opportunities for youth.

Malaysia places great importance on education as a means of becoming a developed nation to meet the challenges and demands of a STEM-driven economy by 2020. By promoting Science, Technology, Engineering, and Mathematics (STEM) subjects among students, the government aims to prepare these students to fulfil the employment needs of the industries that fuel the Malaysian economy.

In line with the government's goal, Samsung Malaysia Electronics is teaming up with Universiti Malaya's (UM) STEM Centre to provide STEM students a wider variety of engaging learning opportunities through interactive devices that ignites creativity, curiosity and innovative thinking. Sharing the same objective to strengthen Malaysian students' interest in STEM education, Samsung is supporting UM by equipping its STEM Learning Space with Samsung Galaxy Tablets and a Smart TV to better facilitate STEM trainings and activities.



We are living in an age of ultra-connectivity emerging from the Fourth Industrial Revolution. Thus, it is critical to educate and nurture our youth with ample potential. At Samsung, we always strive to develop the capabilities of young generation, so I hope that through this initiative, Samsung's technology will empower the students to be innovative, intelligently connected and qualified to thrive in a technology-driven future," said Yoonsoo Kim, President of Samsung Malaysia Electronics.



The UM STEM Learning Space was not only designed to provide innovative and interactive learning in STEM activities, the space is also an initiative to inspire the involvement of educators, researchers, students, industries, and local communities to engage in STEM education. Working closely with the National STEM Movement, UM STEM Centre encourages the implementation of STEM programmes in Higher Education Institutions (HEIs) and schools to ensure that STEM education is well received by students.



STEM activities and meeting at STEM Learning Space

"On behalf of everyone at UM STEM Centre, I would like to thank Samsung Malaysia Electronics for turning this space into a Smart STEM Learning Space. By leveraging on Samsung's technology, we are certain that it will further enhance the teaching and learning experience in STEM-related programmes to motivate and prepare the students for STEM careers"

Ir. Dr. Mas Sahidayana Mohktar
Head of UM STEM Centre

STEM Discovery Program 2019

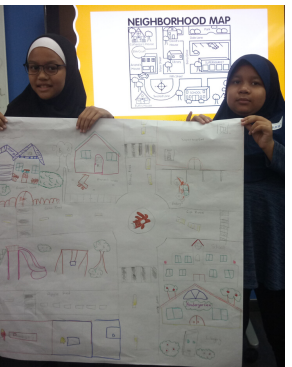
2nd – 20th December 2019 (Week 1)



2ND DEC
Dr. Sr Zafirah Al Sadat Zyed
Built Environment
Dr. Wan Safwani Wan Kamarul Zaman
Human Organ



3RD DEC
Water Warriors UM
Dr. Yong Adilah Shamsul Harumain
Junior City Planners



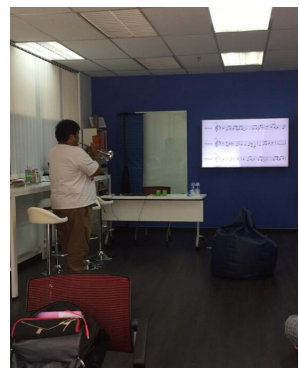
4TH DEC
Dr. Mahanom Jalil
EZ-TC Kit: Plant Cloning
Dr. Mohd Arif Mohd Sarjidan
Rocket Challenge



5TH DEC
Dr. Nur Azah Hamzaid
STEM Story Telling
Assoc. Prof. Dr. Nahrizul Adib Kadri
myImagineNATION with Abang Bob and Kak Mimi



6TH DEC
Dr. Salmah Karman
Trash to Ca\$h
Mr. Mohd Faiz Azmi
UM Orchestra



STEM Discovery Program 2019

2nd – 20th December 2019 (Week 2)



9TH DEC

'Blossom Delight'
Showcase
UM Art Gallery

How Do We Fly?
Mr. Zharfan &
Team



10TH DEC

You've Got To
Move It Move It!
Dr. Jadeera
Cheong Phaik
Geok Abdullah

Google Classroom
Ms. Saraswathy



11TH DEC

Story Jumper
Ms. Saraswathy

Intelligent
Robotics
Dr. Zati Hakim
Azizul Hasan



12TH DEC

STEM in Language
Dr. Azlin Zaiti
Zainal

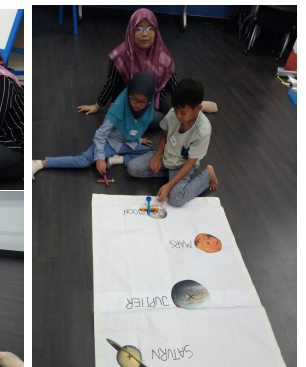
Tower Challenge/
Paper House
Sr Raha Sulaiman



13TH DEC

STEMBuild for Early
Engineering
Dr. Rose Amnah
Abd. Rauf

Catapult to Space
Ms. Nur Rasyidah

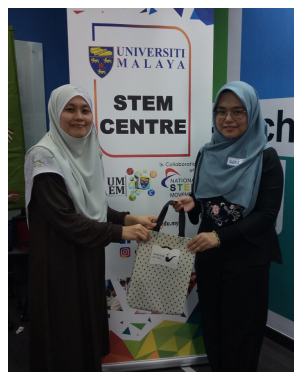


STEM Discovery Program 2019

2nd - 20th December 2019 (Week 3)



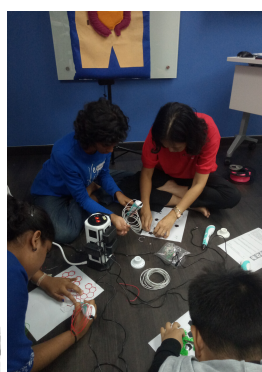
16TH DEC
**Make Your Own
 DIY Soap
 Let's Go To
 Mummie's Lab**
Glitter-Slime Time!
**Assoc. Prof. Dr.
 Ninie Suhana Abdul
 Manan**



17TH DEC
**Rainbow STEM
 Challenge**
**Dr. Hidayah Mohd
 Fadzil**
Homopolar Motor
**Dr. Thamil Selvi
 Velayutham**



18TH DEC
Bacteria Hunter
Dr. G.Y. Annie Tan
3-D World
**Assoc. Prof. Dr.
 Vannajan S. Lee**



19TH DEC
**Training Your Deep
 CORE Muscle**
**Dr. Victor
 Selvarajah
 Selvanayagam**
**A Tiny World
 Called NANO**
**Assoc. Prof. Dr.
 Ong Boon Hoong**



20TH DEC
**Virtual Reality
 World**
**Dr. Nasrul Anuar
 Abd Razak**
**How Fiber Optics
 Work: Getting
 Down to Fiber
 Basics**
**Mr. Muhamad
 Zharif Samion**



UM STEM Ambassador corner!

*STEM
Tuesday* (1 pm - 2 pm)

Kahoot! Malaya Science Trivial Competition

15th October 2019

Time : 1 pm - 2 pm

Venue: Microsoft-UM STEM Learning Space (UM STEM Centre)

This competition test your knowledge of science facts and applications of scientific principles. Science is the fundamental ingredients for a nation's success.



My STEM Ambassador Club conducting Kahoot! competition

MALAYA BUILDER CHALLENGE

22nd October 2019

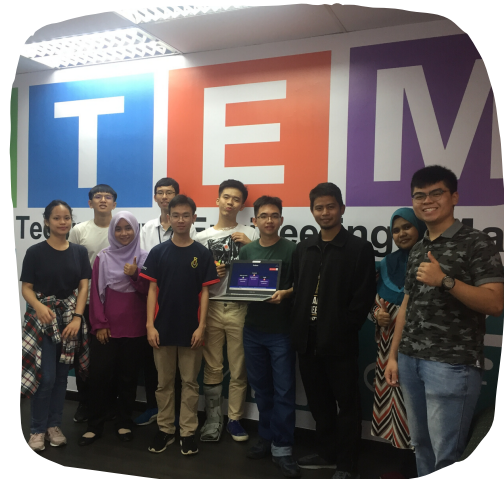
Time : 1 pm - 2 pm

Venue: Microsoft-UM STEM Learning Space (UM STEM Centre)

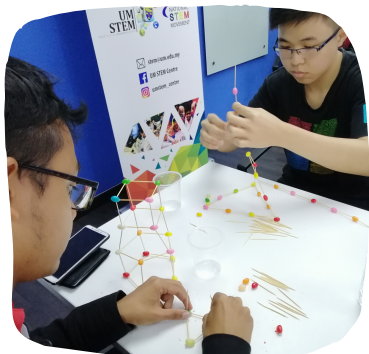
This competition tests your ability to build the tallest structure by using limited materials. You will need to apply the knowledge of stability and be creative.



Jelly-bean challenge. Tallest, stable and creative



All participants from Kahoot Competition.



Focus!



Good job!



All participants from Malaya Builder Challenge

"Hidden Figures"

12th December 2019

Lecture Hall C, Faculty of Arts
and Social Sciences,
Universiti Malaya

Organised by: The U.S. Embassy in Malaysia
and Universiti Malaya Gender Studies
Programme in collaboration with
UM STEM Centre.



Python for Kids

12th, 14th, 15th, 21st & 22nd Dec 2019

Department of Chemistry, Faculty of
Science, Universiti Malaya

"Code, Learn and Grow Together"

It is about computer training with Basic Computer skills
(Python, Scratch, Arduino, 3d printing) and Computational
Aided Molecular Design courses (Molecular docking
molecular dynamics (AMBER, GROMACS,), Quantum
Calculation (Gaussian, DFT), Hyperchem, Virtual screening,
and much more.

Code Club Malaysia.

Free Class on "Scratch"

11th December 2019

Department of Chemistry,
Faculty of Science,
Universiti Malaya

Volunteers from UM Maker space,
UMCIS, UM CompChem, and
Autobotics



Southeast Asia Global Innovation Challenge 2019 "SEA-GIC2019"

7th December 2019
Department of Chemistry,
Faculty of Science,
Universiti Malaya

Young Explorer STEM Discoveries

9th – 13th December 2019

Universiti Malaya

STEM Coordinator: Dr. Wan Safwani

Dept. of Biomedical Engineering

Faculty of Engineering

Organised by: Yayasan TM,

Let's Go To Mummie's Lab

& UM STEM Centre



Yayasan TM | 25

YOUNG EXPLORER STEM DISCOVERIES
By Let's Go To Mummie's Lab, University of Malaya

Let's learn about STEM!

SCHOOL'S HOLIDAY IS BACK!
09-13 DEC 2019 | 9.00AM - 12.00PM | UNIVERSITY OF MALAYA, KUALA LUMPUR

09 December 2019	Exploring Nature at Rimba Ilmu	Scavenger Hunt - Discover the nature and plant life found in a tropical rainforest in Malaysia
10 December 2019	Fun With Micro:bit at Innovation Lab	Explore the world of coding in a fun way from robotics to musical applications
11 December 2019	World of Pathology at Faculty of Medicine	Leap into the world of pathology!
12 December 2019	Aviation Engineering at Varsity Field	Discover the air mobility and aviation engineering concept in a fun way
13 December 2019	Alchemy Experiments at Makers Space	Make your own soap and ice cream

Age 5 to 12 years old
Seats are limited to 30pax/day
Light snacks are provided
Professional instructors from University of Malaya, STEM Centre

CLICK HERE FOR REGISTRATION
Contact us: yayasan@tmm.com.my (03-22480231 / Noeline) 03-22481795 / Zulhanna

RM60 per session
Discount applies for Group of 3

UM STEM | MAKERS LAB | Life Made Easier | TMM Group



Hari Profesion Teknikal Negara 2019

3rd & 4th December 2019

TM Convention Centre.

STEM Coordinator: Ir. Dr. Mas Sahidayana
Dept. of Biomedical Engineering
Faculty of Engineering

Co-organiser:





UM Chemistry Carnival

30th November 2019
Department of Chemistry,
Faculty of Science, Universiti Malaya



Physics Open Day

Discover How Physics & Materials Science Transform Your Life

29th - 30th November 2019
Department of Physics,
Faculty of Science, Universiti Malaya



PHYSICS OPEN DAY 2019

STEM FOR SHARED PROSPERITY FORUM

29TH NOVEMBER 2019
02:45p.m. - 04:30p.m.
PHYSICS DEPARTMENT, UM

In the fast changing world, science and technology are developing at an accelerated pace. New science and new technology are always invented by a group of very smart people such as recent demonstration of supremacy quantum computer and application of artificial intelligence. Malaysia is challenged by the dwindling number of STEM graduates compounded by widespread accusation of drop of quality of STEM graduates. How can Malaysia become more competitive with countries which are ahead of us and countries which are fast catching us from behind? How can parents, alumni, academia, parents, entrepreneurs, agencies and industries empower STEM for shared prosperity?



MODERATOR

 Dr. Imran Mustafa
Senior Lecturer
Department of Physics, UM
ML Studio Speaker.



GUEST SPEAKERS



 Datuk Prof. Dr. Harith bin Ahmad
Director, Photonics Research Centre

 Mr. Kamaludin Nordin
Human Resources Director
ON-Semiconductor

 Mr. Lim Hoo Kooi
Program Director
Collaborative Research in Engineering, Science & Technology (CREST)

 Mohd. Khairy Othman
Entrepreneur at
Dahan Tech

Organized by:   

Supported by:  

Acknowledgement: ON Semiconductor Global Corporate Giving Grant (No: IF009-2019) for STEM Education Project

Minggu Sains Lembah Pantai

29th - 30th November 2019

KL Gateway Mall.

Organised by: Pejabat MP Lembah Pantai and various agencies, schools, NGOs.

**STEM
AMBASSADORS
IN ACTION!**

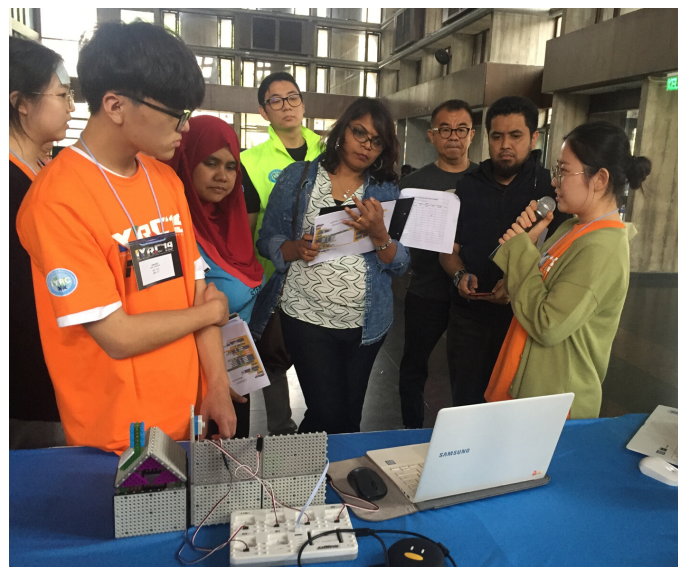


International Youth Robot Competition (Malaysia) 2019

23rd - 24th Nov 2019

Dewan Tunku Canselor, UM

Organised by: MyRobot Sdn. Bhd.
in collaboration with various agencies and UM STEM Centre



STEM APPRECIATION DAY CITRA

16th November 2019

UM & SMK SULTAN ABDUL
SAMAD

STEM Coordinator: Dr. Wong Seng Yue &
Dr. Rohana Mahmud

Centre for Internship Training and Academic
enrichment (CITra)

Organised by: CITra, GIX1004: STEM
APPRECIATION and UM STEM Centre



STEM APPRECIATION DAY

STEM in LIFE

Objectives

1. to inculcate interest in STEM subjects
2. to create awareness of the importance of STEM subjects
3. to implement knowledge in daily life



DOOR GIFTS AWAIT FOR FIRST 100 EARLY BIRDS!

DATE : 16.11.2019 (SATURDAY)

TIME : 8.00 AM TO 12.30PM

VENUE: THE GYM OF SMK ABDUL SAMAD



Malaysia-China Technical & Vocational Education Forum

14th November 2019
Pullman Hotel KL Bangsar

Organised by: Kong Zi Institute UM & Confucius Institute HQ China.
Co-organiser: ZTE Educational Management Company & UM STEM Centre



Malaysia-China Technical & Vocational Education Forum
Embracing IR4.0 : Working Together for A Better Future

Date	14 th November 2019, Thursday
Time	8.30am - 1.00pm
Venue	Pullman Hotel Kuala Lumpur Bangsar

Organizer	Kong Zi Institute University of Malaysia Confucius Institute Headquarters, China
Co-organizer	ZTE Educational Management Company University of Malaysia STEM Centre
Sponsor	Confucius Institute Headquarters, China

Logos: 中兴教育 (ZTE), UM STEM



BMEkeathon 2019

10th November 2019
Faculty of Engineering, UM

Dept. of Biomedical Engineering
Faculty of Engineering
Organised by: Dept. of Biomedical Engineering
in collaboration with UM STEM Centre



FOR PARENTS & STUDENTS

AN INITIATIVE WITH VARIOUS PROGRAMMES AND ACTIVITIES THAT AIMS TO PROMOTE INTEREST IN SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) AMONG PRIMARY AND SECONDARY SCHOOL STUDENTS.

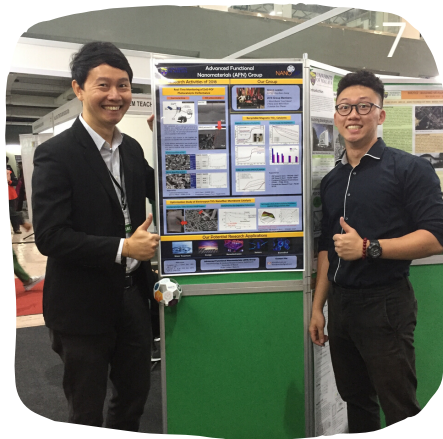
KL Engineering Science Fair 2019

1st- 3rd November 2019

STEM Coordinator:

1. Prof. Dr. Sithi V. Muniandy - Physics Department, Faculty of Science
2. Dr. Thamil Selvi A/P Velayutham - Low Dimensional Material Research (LDMRC)
3. Prof. Ulung D.r Harith Ahmad - Photonics Research Center (PRCUM)
4. Dr. Nurfikri Norjoharuddeen - National Center for Particle Physics (NCPPI)
5. Prof. Dr. Zurina Osman - Center for Ionic UM (CIUM)
6. Dr. Vannajan S. Lee - Chemistry Department, Faculty of Science
7. Assoc. Prof. Dr. Ong Boon Hoong - Nanocat Research Centre
8. Sr. Raha Sulaiman - Department of Building Surveying, Faculty of Built Environment
9. Ir. Dr. Mas Sahidayana Mohktar - Let's Go To Mummies' Lab

MINES International Exhibition and Convention Centre (MIECC),
Seri Kembangan, Selangor.





Bengkel Penulisan Dewan Bahasa dan Pustaka (DBP) - Universiti Malaya (UM)

19th - 20th Oct 2019 (1) &

23rd - 24th Nov 2019 (2)

Dewan Bahasa dan Pustaka (DBP)

STEM Coordinator: Dr. Hidayah Mohd Fadzil,

Faculty of Education

Organised by: DBP in collaboration UM STEM Centre



Selangor R&D and Innovation Expo

10th - 13th October 2019
MITEC, Kuala Lumpur

STEM Coordinator: Ir. Dr. Mas Sahidayana
Dept. of Biomedical Engineering
Faculty of Engineering.
STEM Ambassador: Let's Go to Mummie's
Lab team

STEM AMBASSADORS IN ACTION!



A Day with Particle Physicists

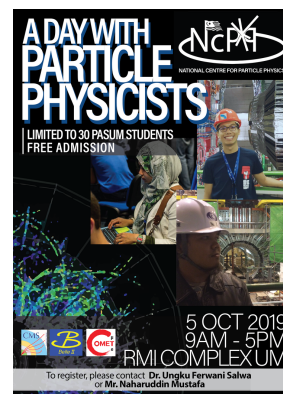
5th October 2019

The Cube, Level 4, RMIC, UM

STEM Coordinator: Dr. Nurfikri Norjoharuddeen

Organised by: National Centre for Particle Physics (NCPPI)

Community involved: PASUM students



Projek STEM Bersama Sekolah Berintegrasi Gombak (INTEGOMB) 2017 -2020

STEM Coordinator: Prof. Dr. Yatimah Alias

Organised by: Universiti Malaya Centre for Ionic Liquids (UMCiL)

Community involved: INTEGOMB students



JOIN US!

More events!

- February – May 2020 STEM Mentor-Mentee 2020. 1) SK La Salle, PJ, 2) SK Bangsar, 3) SK (2) Petaling Jaya 4) SK Kg Tunku, 5) SK (6) Kota Damansara, 6) SK (9) Kota Damansara, 7) SK Kg. Selayang. Organised by: MESTECC, UMCares, UM STEM Centre, and National STEM Movement.
- 24 – 28 February 2020 Let's Go to Mummie's Lab. SK Kampung Luak, Miri, Sarawak. Project: Impact-Oriented Interdisciplinary Research Grant (IIRG).
- 27 February 2020 Engineering, Mathematics, Science, Computer Exhibition & Innovation (EMSCEI) 2020. Dewan Al-Jazari, Politeknik, Shah Alam, Selangor.
- 16 – 20 March 2020 STEM Discovery Program. Microsoft – UM STEM Learning Space, HIR, UM. Organised by: UM STEM Centre.
- 1 April 2020 STEM Camp. SK La Salle, Sentul. Organised by: SK La Salle, Sentul in collaboration with UM STEM Centre.
- 6 – 7 June 2020 Evaluation, Training MyRobot. The Cube, Faculty of Engineering, UM. Organised by: MyRobot in collaboration with UM STEM Centre.
- 7 – 9 July 2020 Karnival STEM Peringkat Wilayah Persekutuan. Dewan Tunku Canselor, UM.
- 25 – 26 July 2020 International Youth Robot Competition (Malaysia) 2020. Dewan Tunku Canselor, UM. MyRobot in collaboration with UM STEM Centre.
- 27 – 29 July 2020 Young Explorer STEM Discoveries @ UM. Organised by: Yayasan TM, Let's Go to Mummie's Lab and UM STEM Centre.
- 27 – 31 July 2020 STEM Discovery Program. Microsoft – UM STEM Learning Space, HIR, UM. Organised by: UM STEM Centre.
- 11 – 14 August 2020 6th Kuala Lumpur International Conference on Biomedical Engineering 2020 (BioMed2020). Kuala Lumpur, Malaysia. Kindly visit <https://umevent.um.edu.my/BioMed2020>

JOIN US!

Special events!

Mid June (Regional Competition)
The British International Education Association (BIEA) 2020
International STEM Youth Innovation Competition: SOS STEM Plastic Competition (Regional Competition).
Dewan Tunku Canselor, UM.

4 -5 July 2020
2nd International STEM Education Conference 2020.
Istanbul, Turkey.
For more details, kindly visit
<https://www.stempd.net/>

July 4-5, 2020

2ND INTERNATIONAL STEM EDUCATION CONFERENCE



Mas Sahidayana Mohktar

MY- Malaya University

A STEM Ambassador Programme
towards Holistic Student
Empowerments

SOS
STEM (Stop) the Tide of
Plastic Pollution

BIEA 2020 International
STEM Youth Innovation
Competition

www.bieacompetition.org.uk
#BIEAeducation
#BIEAcompetition
#Saveourshores

Please register for more information, or email us:
competition@biea.org.uk
info@biea.org.uk

Photo credit: John Canselor

ORGANIZER
BIEA
INTERNATIONAL
EDUCATION
ASSOCIATION

REGIONAL PARTNER CONTACT
SOS WORLD
STEM

INCUBED BY
STEM
EDUCATION
& INNOVATION
COUNCIL

REGIONAL SUPPORTING PARTNER
STEM

FAQs

What is the BIEA International STEM Youth Innovation Competition?
The British International Education Association (BIEA) is a non-profit organisation with a simple mission: to promote the best of British educational practices overseas and to encourage develop, share and learn from other best practices around the world.

What is the 2020 Competition theme?
The theme of this year's competition is "SOS: Save our Shores". Plastic pollution has become one of the most pressing environmental issues, as rapidly increasing production of disposable plastic products overwhelms the world's ability to deal with them. Teams will have to create a method of collecting plastic waste in inaccessible and dangerous areas between water and land.

For more information, please visit: www.bieacompetition.org.uk/

BIEA 2020 STEM Conference –
The Royal Institution, 15th January 2020

The conference is a showcase of the latest technological research regarding pressing humanitarian and ecological issues in addition to the future impact that have on STEM education. Each year, the conference bring together a diverse and vibrant community of educators, researchers, entrepreneurs, philanthropists, policymakers and partners from industry.

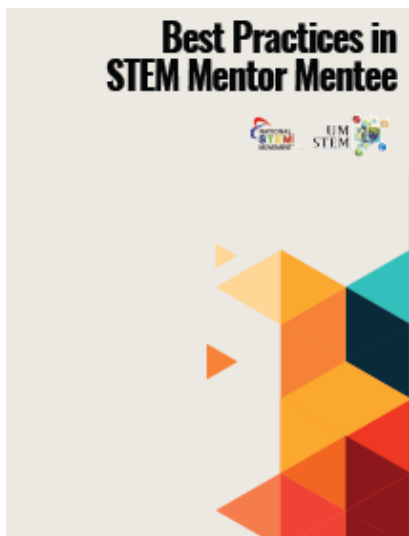
Register your interest or submit an abstract to present by emailing info@biea.org.uk

SEP 2019 – SEP 2020
SEP 2020 – SEP 2021
SEP 2021 – SEP 2022
SEP 2022 – SEP 2023
SEP 2023 – SEP 2024
SEP 2024 – SEP 2025
SEP 2025 – SEP 2026
SEP 2026 – SEP 2027
SEP 2027 – SEP 2028
SEP 2028 – SEP 2029
SEP 2029 – SEP 2030

PUBLICATIONS

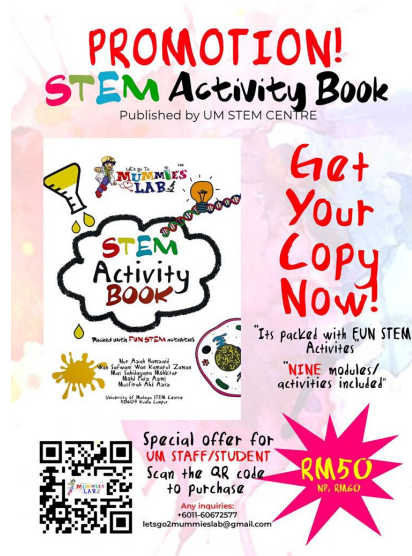
BEST PRACTICES IN STEM MENTOR MENTEE

Price: RM 50
Excluding delivery/shipping charges
Compilation of research paper presented at The 1st National STEM Seminar 2018.



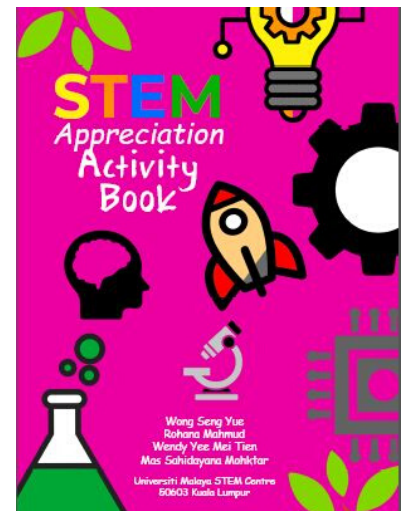
STEM ACTIVITY BOOK

Price: RM 50
Excluding delivery/shipping charges
Special offer: Purchase 500 or more STEM Activity books, get FREE half day STEM activities for 100 students.



STEM APPRECIATION ACTIVITY BOOK

Price: RM 50
Excluding delivery/shipping charges
This book is the output from the GIX1004 STEM Appreciation subject offered by CITra Universiti Malaya.



More info, kindly contact us at 03-7967 3490 or stem@um.edu.my

Contact us:

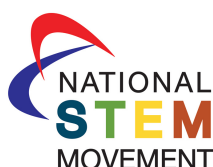
Office

MICROSOFT- UM STEM Learning Space

Ir. Dr. Mas Sahidayana Mohktar (Head)
Norshahzila Idris (Research Officer)
UM STEM Centre Office
Ground Floor
High Impact Research (HIR) Building
Universiti Malaya, 50603 Kuala Lumpur
Tel: +603- 7967 3490
Email: stem@um.edu.my



In affiliation:



Social Advancement
& Happiness
Research Cluster
University of Malaya

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f UM STEM Centre

umstem_centre