



UM STEM ACTIVITIES

SCHOOL VISIT @ UNIVERSITI MALAYA

14th June 2022

Organised by: UM STEM Centre, in collaboration with the Faculty of Engineering UM and UM Marketing and Recruitment Centre (MRC)



On the 14th of June 2022, UM STEM Centre received a visit from Sekolah Sri Bestari. Three teachers and 35 students were involved in the half-day visit to expose Science, Technology, Engineering and Mathematics (STEM) related fields at the University of Malaya.

The visit began with the arrival of students and teachers at Kompleks Perdana Siswa (KPS), followed by the welcoming speech ceremony by the Head of UM STEM Centre, Ir. Dr Mas Sahidayana Mohktar. After having a light breakfast, students and teachers headed to the Marketing and Recruitment Centre (MRC) for the next agenda.

Mr Irsyad from the MRC has delivered a briefing on the study and career pathway in STEM and non-STEM fields at the University of Malaya. Next, teachers and students were divided into two groups for laboratory visits at the Faculty of Engineering and UM STEM Centre.

At the Faculty of Engineering, teachers and students were taken to visit the Motion Analysis Lab. The lab engineer and assistant demonstrated the motion analysis system to the visitors. At UM STEM Centre, the students learned about immunology and human cell.

The visit finished at noon. We really hope that the students and teachers enjoyed the trip to Universiti Malaya and gained practical experience from the visits.

SRI BESTARI SCHOOL VISIT @ UM



STEM IN ME - JUNIOR HACKERS

School Holiday Camp March 2022

8th March - 11th March 2022

Organized by: Micro Concept Tech (MCT) Sdn. Bhd. in
collaboration with UM STEM Centre

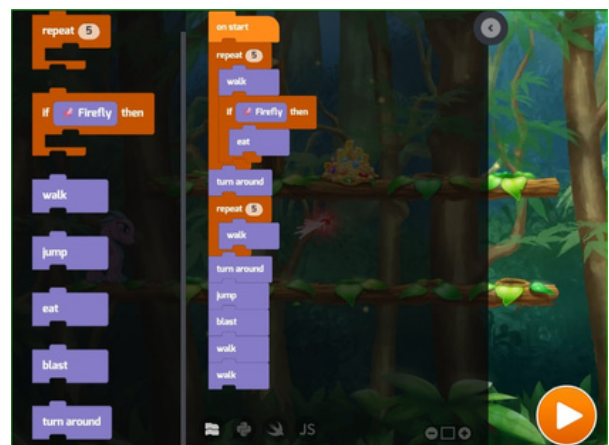
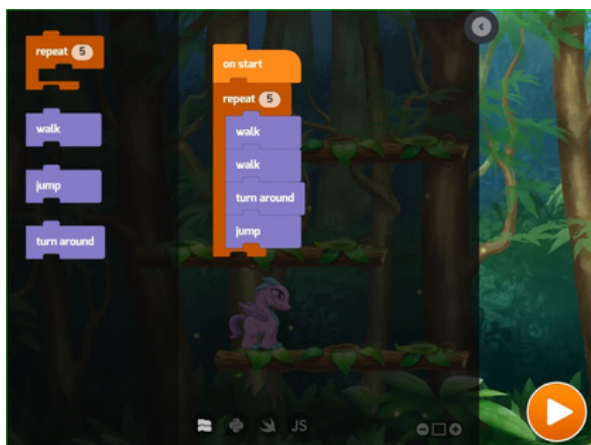
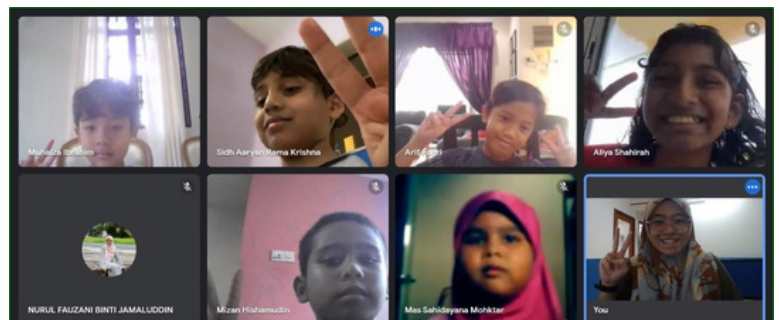


MCT-USTEM LEARNING HUB
PRESENTS
STEM in me™
JUNIOR HACKERS
SCHOOL HOLIDAY CAMP MARCH 2022
Coding classes for the youngsters. Online!

ANIMATION CODING COURSE	GAMES CODING COURSE	MOBILE APP CODING COURSE
AGE GROUP: 7-9 YEARS OLD DATE: 8TH-11TH MARCH 2022 (4 DAYS) TIME: 9AM-10AM (1HR/DAY) PLATFORM: GOOGLE MEET MIN. 4 PAX MAX. 6 PAX RM 106	AGE GROUP: 10-12 YEARS OLD DATE: 15TH-18TH MARCH 2022 (4 DAYS) TIME: 11AM-12PM (1HR/DAY) PLATFORM: GOOGLE MEET MIN. 4 PAX MAX. 6 PAX RM 128	AGE GROUP: 15-17 YEARS OLD DATE: 28TH FEB & 1ST MARCH 2022 (2 DAYS) TIME: 9AM-12PM (3HRS/DAY) PLATFORM: GOOGLE MEET MIN. 4 PAX MAX. 8 PAX RM 191

LIMITED SPOT ! REGISTER NOW !
FOR MORE INFO ABOUT THE PROGRAM, PLEASE CONTACT:
✉ steminme@microconcept.com.my
☎ 601156679263 (Ir. Amir Hussein Bin Jaafar)

SCAN ME FOR REGISTRATION !

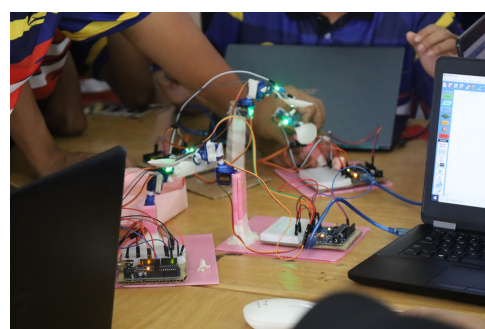
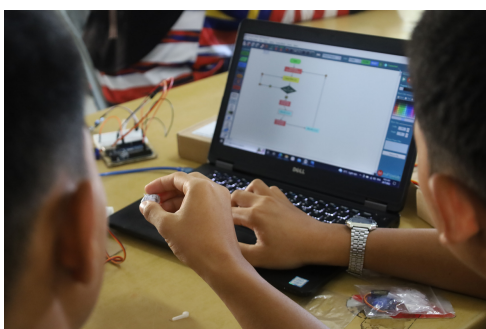
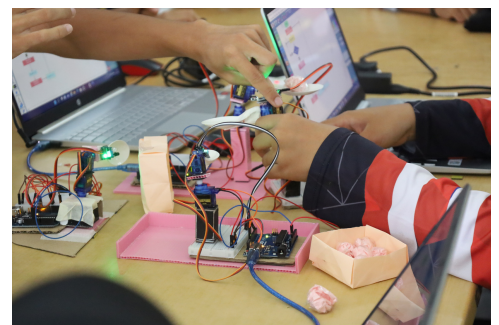
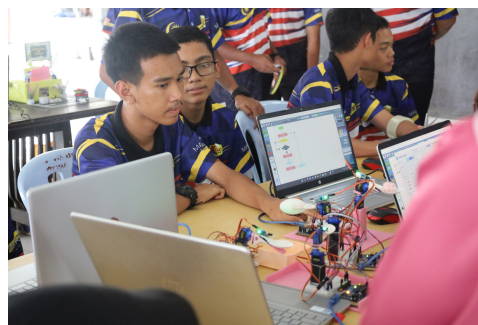
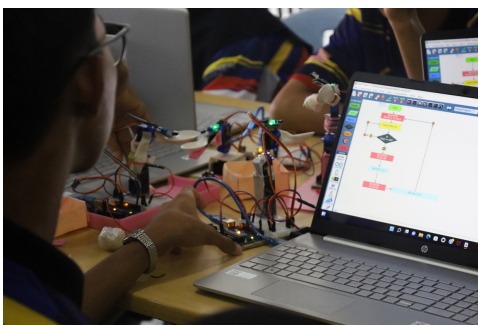


Industrial Robotic System Maker Challenge 2022

25 - 26 June 2022 | 2 & 16 July 2022

Organised by: UM STEM Centre, Yayasan Basmi Kemiskinan (YBK) and Matrolls Solutions

Universiti Malaya STEM Centre, in collaboration with Matrolls Solutions and Yayasan Basmi Kemiskinan had run the Industrial Robotic System Maker Challenge for the students of Asrama Kasih Yayasan Basmi Kemiskinan. A total of 94 students took part in the challenge and received conducive online and offline training on how to use the Arduino UNO board and FlowLogic 6 software to design and make a prototype robotics system application model, in solving a real-world problem.



YOUTH TECH ASIA CHALLENGE (YTAC) VISIT

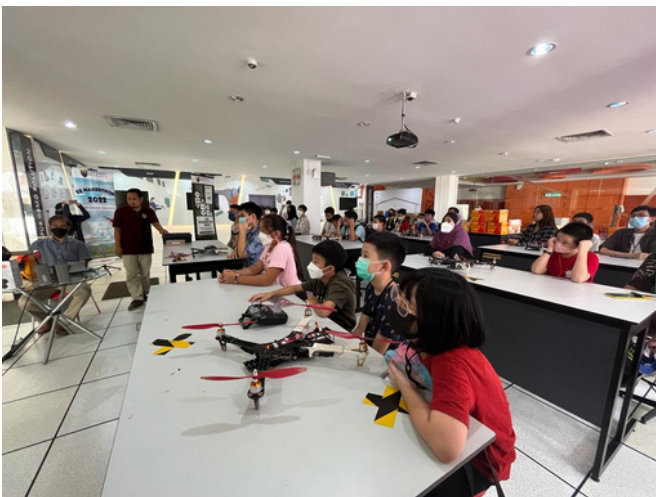
10th June 2022

Organised by: EDUWEL Sdn. Bhd.

Supported by: UM STEM Centre & Faculty of Engineering, UM

A visit to two research laboratories at the Faculty of Engineering to give exposure to the participants in the STEM (Science, Technology, Engineering, and Mathematics) field at the university level.

All participants including trainers and parents visited two facilities, Huawei Lab for drone demonstration and Human Motion Lab for human biomechanics demonstration.



KPT PACE STEM PLUS TRAINING: GRADUATES EMPLOYABILITY PROGRAM

January - December 2022

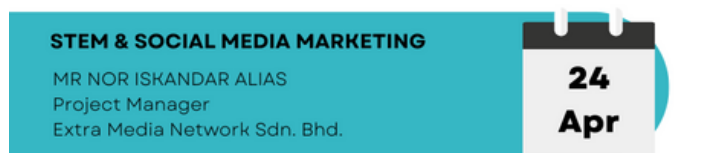
Organised by: UM STEM Centre, National STEM Association

- A program under the KPT-PACE (Professional Certification) initiative by the Malaysian Ministry of Higher Education (MoHE).
- Collaboration between UM STEM Centre, National STEM Association, and industries in providing STEM-related skills training.
- Objective: To increase the STEM skills of final-year students in higher education institutions and to strengthen the relationship between institutions and STEM-related industries in graduate employability and skills training.



IMPORTANCE OF STEM IN WORKPLACE

PROF. DATO' NORAINI IDRIS
Chairman
National STEM Association (NSA)



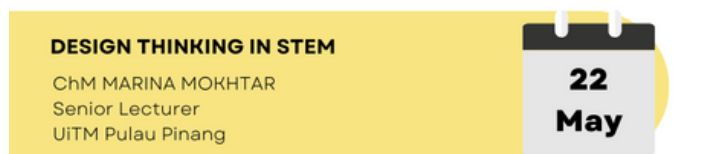
STEM & SOCIAL MEDIA MARKETING

MR NOR ISKANDAR ALIAS
Project Manager
Extra Media Network Sdn. Bhd.



IMPORTANCE OF VISUALISATION IN STEM

DR RUZAIMI MAT RANI
Founder
Drawzania.com



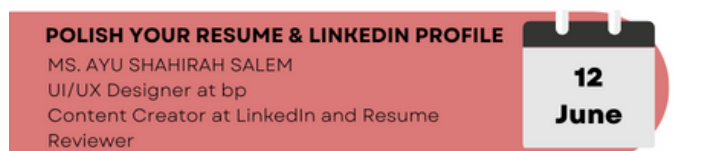
DESIGN THINKING IN STEM

CHM MARINA MOKHTAR
Senior Lecturer
UiTM Pulau Pinang



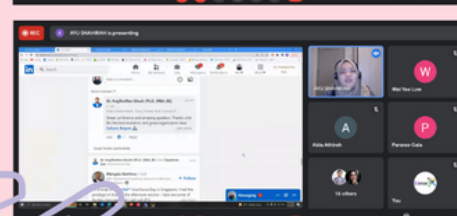
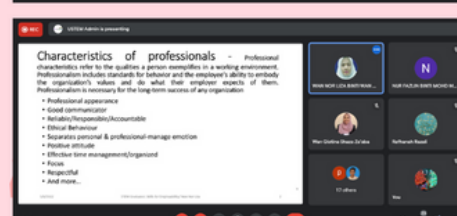
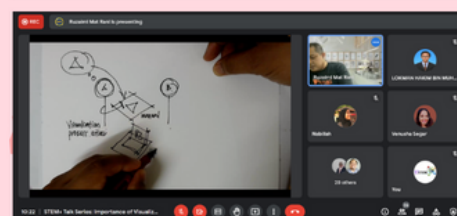
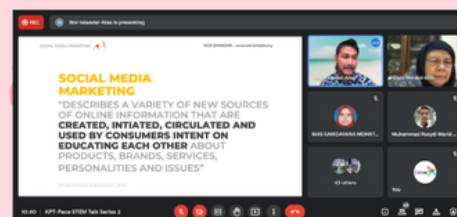
STEM GRADUATES: SKILLS FOR EMPLOYABILITY

ASSOC. PROF. WAN NOR LIZA WAN MAHADI
Senior Lecturer
Universiti Malaya



POLISH YOUR RESUME & LINKEDIN PROFILE

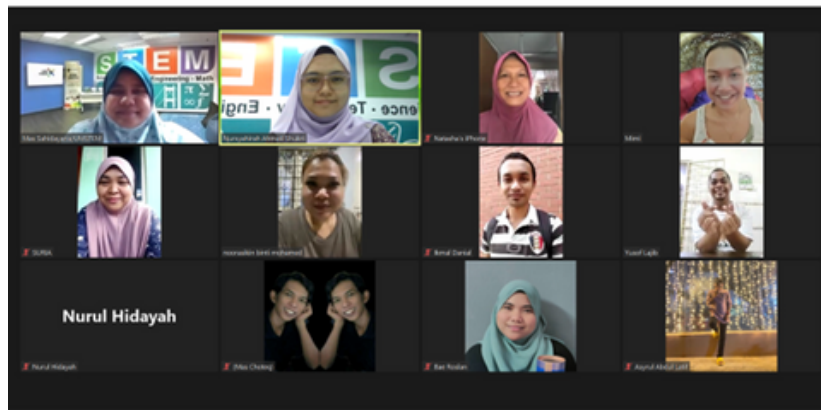
MS. AYU SHAHIRAH SALEM
UI/UX Designer at bp
Content Creator at LinkedIn and Resume
Reviewer



HIJRAHPRENEUR SKILLS PROGRAM (HSP)

March- August 2022

➤➤➤ HSP was organised by the Malaysian Research and Education Foundation (MyREF). It is a community-based program that focuses on a group of people who are changing towards a better life. UM STEM Centre collaborated as one of the trainers that provided content on improving management skills and hone the creativity of the participants to improve or diversify their sales products.



PROGRAM PEMBANGUNAN EKONOMI KOMUNITI BANDAR 2022

4th June 2022

Venue: Le Venue Hotel, Bangi

Organized by: MyREF and Kementerian Pembangunan Kerajaan Tempatan (KPKT)



Program Pembangunan Keusahawanan berasaskan Inovasi dan Celik Kewangan

Bersama penceramah: Ir.Dr.Mas Sahidayana Mohktar
 dan Pusat STEM UM: Cik Nursyahirah Ahmad Shukri
 En. Wan Izz Muhaimin Wan Ab Fariz
 En. Muhammad Ashiq Husin Zubir Husin



Let's Go To Mummie's Lab @ SK Melayu Raya

Date: 19 - 20 June 2022

Organised by: UM STEM Centre, Let's Go To Mummie's Lab & SK Melayu Raya

A fun STEM program was organized at SK Melayu Raya by UM STEM Centre, in collaboration with Let's Go To Mummie's Lab (LGTML). All teachers, lecturers, students and the community from around SK Melayu Raya, Johor participated in this meaningful event.

In the half-day event, the students got to explore two STEM modules by LGTML, STEM Activity Book and Belajar Rukun Negara with STEM.



PUBLICATIONS

Sale
10%



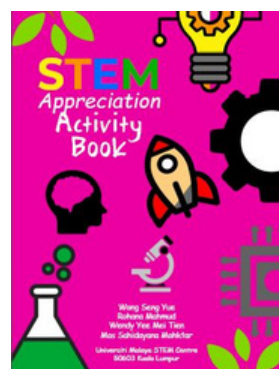
STEM ACTIVITY BOOK & Kit

Book only (9 modules): RM 45 (NP: RM 50)
STEM kit only (6 modules): RM 90 (NP: RM 100)
Package- Book & Kit: RM 125.90 (NP: RM 139.90)
*All prices are exclude postage

STEM APPRECIATION ACTIVITY BOOK

Price (10 modules): RM 45 (NP: RM 50)
*Exclude postage

This book is the output from the GIX1004
STEM Appreciation subject offered by
CITra Universiti Malaya.

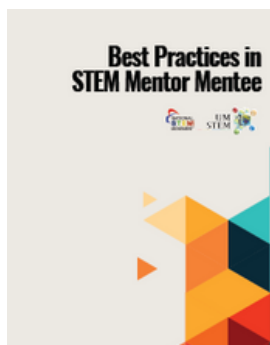


Best Practices in STEM Mentor Mentee

BEST PRACTICES IN STEM MENTOR MENTEE

Price: RM 45 (NP: RM 50)
*Exclude postage

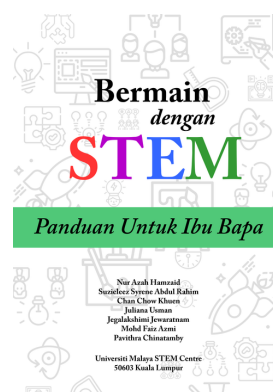
Compilation of research paper presented
at The 1st National STEM Seminar 2018.



BERMAIN DENGAN STEM

Price: RM 27 (NP: RM 30)
*Exclude postage

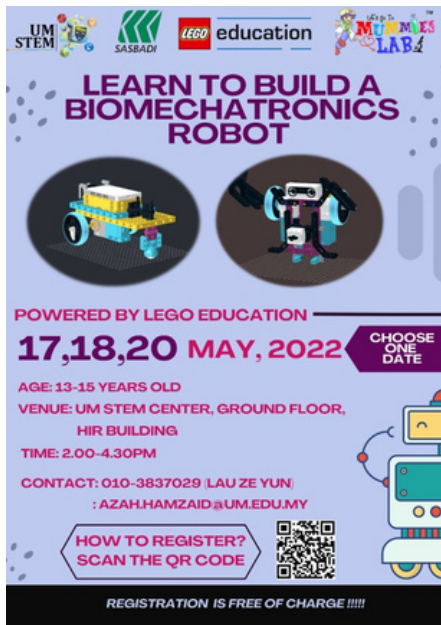
Panduan untuk Ibu Bapa berkaitan
STEM



Belajar Rukun Negara melalui STEM

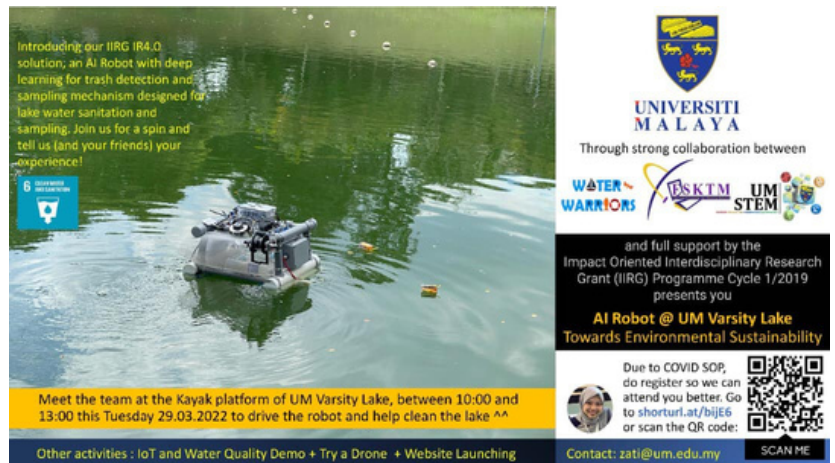
Book only (9 modules): RM 45 (NP: RM 50)
Menyediakan bahan pendidikan berkaitan ilmu
kenegaraan melalui Prinsip Rukun Negara
melalui kaedah Sains, Teknologi, Kejuruteraan
dan Matematik (STEM)

More events!



Learn To Build A Biomechatronics Robot
Powered by LEGO Education
Date: 17, 18 and 20 May 2022

AI Robot @ UM Varsity Lake
Collaboration of Water Warriors, FSKTM & UM STEM Centre
Date: 29 May 2022



Office

Contact us:

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MICROSOFT- UM STEM Learning Space



In affiliation:



**Social Advancement
 & Happiness
 Research Cluster
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