



OUTSTANDING MENTOR AWARD

MAZLAN BIN MUHAMMAD YUSOF

VIDEO LINK : <https://youtu.be/vi591FvPR-g>



- My name is Mazlan, a mentor to the SKST 1 team from Malaysia. I am a primary school teacher in a small town of Pekan.
- I have a Bachelors Degree in Arabic Literature, with a Masters Degree in Information Technology. I am currently working on my PhD in Humanities Technologies.
- I am not a technologist nor am I an expert in this area, but it does not deter me from exploring the world of robotics.



- Although I am considered a newbie – as I only joined the bandwagon last year, I have managed to win numerous robotics competitions both nationally and internationally.
- I have sacrificed both time and money - mainly to purchase robotic sets - to further assist my interest.



But it is deeply satisfying as my ultimate goal to produce outstanding students in this area has been achieved. Bear in mind that these students are from rural areas and some are from impoverished sections.

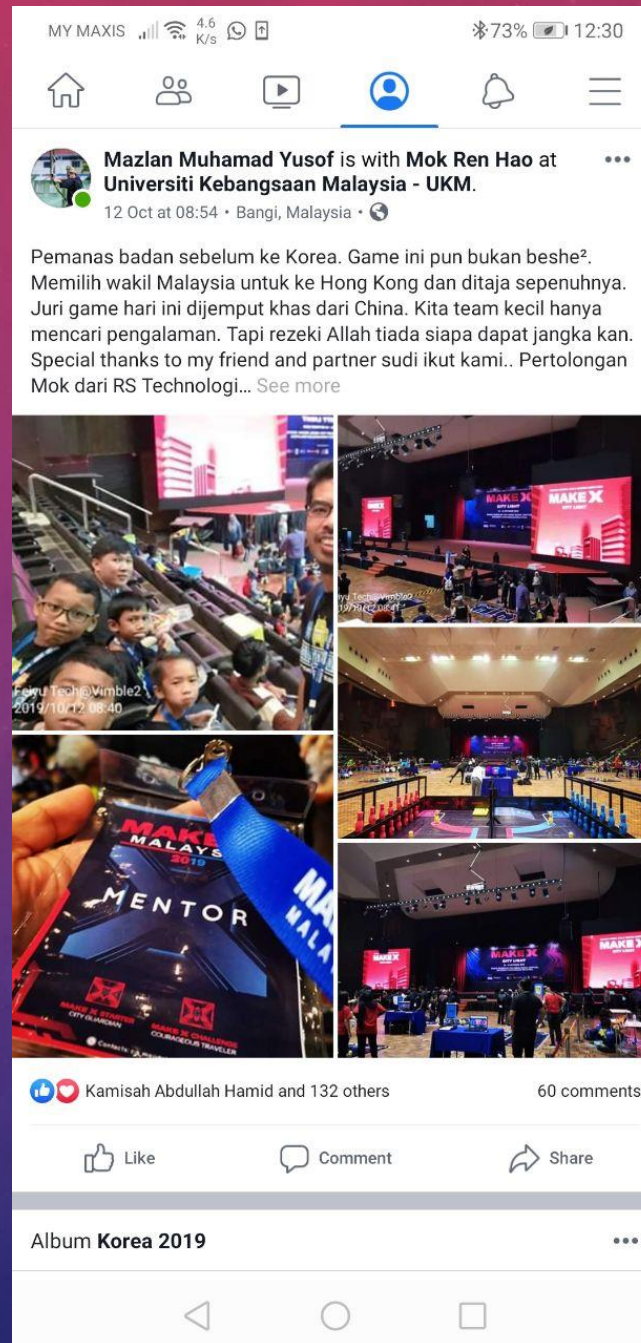




The height of our success was when the team won the Malaysia National MakeX Robotic Competition 2019. It was the most prestigious competition that we participated in and it was very taxing – both physically and mentally. Prepping the students was like going to war – but it was worth it. The sweet smell of success.



I actively promote the benefit of robotics to the masses - especially on the MakeX – both online and offline, My 'Mazlan Muhammad Yusof' Facebook are full of entries on robotics as I have always believed that robotics is a good method to teach STEM.



CHINA COMPETITION NEXT

PEKAN SCHOOL ROBOTICS TEAM BEATS ODDS TO WIN GOLD

SK Seri Terentang pupils triumph in South Korean fest with hardly a year's exposure to robotics

IN ALAGESH PEKAN

In a move to spur creative and innovative thinking among their pupils, teachers at SK Seri Terentang here decided to spend their own money to buy robotics kit sets early last year.

NATIONAL YOUNG INVENTORS AWARD

(T) Ladang Bahau pupils bag



The SK Seri Terentang Robotics Club team at work.

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February last year and unexpectedly bagged the runners-up prize. On Oct 20, it made the country proud after winning a gold medal at the "The Maker Robot Festival", a robotics competition which attracted participants from around the world in Ulsan, South Korea.



The SK Seri Terentang Robotics Club team analysing their robots in Pekan.

to six sets of robots and conducted programming activities every week. "We hope the achievements will encourage more Year One and Year Two pupils to join the club. "We have a limited number of robotics kit sets as they are costly. This is compounded by the fact that there is no special fund for the club. "However, club members are eager to learn and they spend long hours working on the robots," he said, adding that the pupils' parents had financially contributed to their children's South Korea trip.

to contest the runners-up prize. "A Malaysian teacher who is in South Korea for a teacher exchange programme had told us about the festival. We decided to travel there hoping that the pupils could gain knowledge on robotics and learn a new culture. "Surprisingly, we emerged tops and won gold in the sumo-bot category, which is where two robots attempt to push each other out of a circle," he said. The five pupils who travelled to the festival were Muhammad Imran Mazlan, 10; Muhammad Baqir Borhan, 12; Muhammad Danish Fawwaz Mohamad, 11; Nurul Iman Mazlan, 11; and Nur Ishamina Anni Mohd Ismeran, 10.

5 murid wakili negara ke pertandingan robotik

Pekan: Lima murid Sekolah Kebangsaan (SK) Seri Terentang, di sini, dipilih membawa caturama negara ke The Maker Robot Festival di Ulsan, Korea Selatan, yang bermula esok hingga Isnin ini.

La adalah penyertaan julu kali sekolah itu di pentas antarbanga, selepas dua tahun aktif dalam bidang robotik, dengan murid terabit bakal bertanding kategori Sumobot.

Murid berkenaan ialah Muhammad Imran Mazlan, 10; Muhammad Baqir Borhan, 12; Muhammad Danish Fawwaz Mohamad, 11; Nurul Iman Mazlan, 11; dan Nur Ishamina Anni Mohd Ismeran, 10.

Guru penasihat, Mazlan Muhammad Yusof, berkata walaupun masih cetek pengalaman, tidak mustahil untuk kejayaan berpak kepada mereka yang menunjukkan kesungguhan dan semangat tinggi.

Kumpulan itu menjalani latihan antara dua hingga tiga jam sehari selepas waktu sekolah, dalam usaha memperingkatkan kemahiran mengadapi saingan festival itu yang disertai kira-kira 30 pasukan dari lima negara meliputi Malaysia, Filipina, Cina, Jepun dan Korea.

"Sokongan pihak sekolah, ibu bapa, murid dan penaja menjadi peneouts pencapaian membanggakan SK Seri Terentang dalam pertandingan robotik sepanjang tempoh dua tahun ini," katanya ketika ditemui, di sini.



Murid SK Seri Terentang, di Pekan, bersama guru mereka menunjukkan robot yang dihasilkan.

(Foto Mohd Rafi Ma mat/BER)

antarbanga di negara ini sepanjang tahun lalu. "Sokongan pihak sekolah, ibu bapa, murid dan penaja menjadi peneouts pencapaian membanggakan SK Seri Terentang dalam pertandingan robotik sepanjang tempoh dua tahun ini," katanya ketika ditemui, di sini.

Kemahiran murid terabit menghasilkan robot yang mampu melakukan pelbagai aktiviti, dilihat begitu istimewa. SK Seri Terentang juga akan menyertai pertandingan maker robotik dunia di Guangzhou, China, yang menghimpunkan lebih 200 pasukan mewakili 60

negara, bulan depan. "SK Seri Terentang ke pertandingan ini selepas menjuarai pertandingan maker robotik peringkat kebangsaan di Bangi, Selangor, baru-baru ini," katanya. Sementara itu, Muhammad Baqir berharap penyertaan pa-

sukan mereka di Korea Selatan membuah kejayaan membanggakan di pentas antarbanga. "Saya berharap robot dihasilkan mampu memberi saingan dalam kategori Sumobot. Kekuatan menjadi kelebihan setiap robot," katanya.

The success of the team has attracted media attention. Journalists are writing about me and the team and our participation in the MakeX in Guangzhou which has gained public interest. This is especially since we have just won a competition in South Korea.





MAZLAN MUHAMMAD

Guru

1:07:10

BeritaTV9

N OPERASI 'PEACE SPRING' DI SYRIA RAJA THAILAND PECAT ENAM PEGAWAI ISTANA LISBON : BAY



Teaching students about robotics and programming is not that hard. The most difficult challenge is spurring interest in the subject and instilling the never give up attitude in them.

HOW TO SUCCEED WITH YOUR ROBOTICS TEAM

We all want to be successful in whatever it is we are involved in: Our jobs, our hobbies and our relationships. If you are on a robotics team, you probably want to it to be successful too. But, **what is success for a robotics team?**



- The Chinese way – learn from the best, combine them all and become better
- But where do I learn from?
There are many more sources you can learn from





- The American way – resources!
Let's be honest, funds are a big part of being successful in robotics.
Go out there and fundraise like crazy

- The Russian way – working hard
Nothing is easier to do, and had more impact on your robot than simply putting the most work you possibly can into it
- The German way – be organized
Remember to set measurable goals, with deadlines. Each prototype – should have a leader. This will make team members take responsibility, develop leadership skills and improve everything your team does. **Your team must have a team leader.**





The Malaysian Way – “achieving what is desired”

Therefore, for a robotics team to be successful it must first choose its own goals and vision, and these things vary heavily from team to team, region to region, and even between individuals. Some will define success as providing a fun and fulfilling experience for students, while others might define their goal as implementing a wide community outreach program.