

Annual Report 2021

# ARUS ACADEMY

## ANNUAL REPORT



ARUS



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# DIRECTORS' MESSAGE



When we first set out to build Arus Academy, we had one thing in our sight:

## **Make learning relevant.**

That time, we saw it in maker education. We also knew we had to change the way students learn to be meaningful, empowering and exciting. Every new opportunity that came working with our partners enabled us to explore new fields in education.

We have since grown from just a learning centre in Alma, Bukit Mertajam to a champion of innovative teaching and learning strategies, digital, financial and media literacies as well as global citizenship education. We are proud that technology permeates through our work and with the COVID-19 pandemic exposing the cracks and gaps in our education, Arus has had our fair share of challenges and opportunities.

We had to learn how to digitise our hands-on learning experiences and also share our learnings with the education community. We trained teachers in digital tech tools that facilitated their transition to online learning benefiting countless students. We also developed free online contents for teachers to use with their students, trained teachers to develop their own digital contents and ran experiential thematic learning experiences for students.

There is still much to do in the education sector. We believe in the need to advocate for and create a movement of educators, students and the public to affect systemic changes to our education. We are grateful for the opportunities that have allowed us to connect with various education departments and given us access to more teachers and students.

To our partners and collaborators, we hope to have your continued support in empowering today's problem solvers for a brighter future.

*Alina Amir, Daniel Russel, David Chak and Felicia Yoon*



*This photo of our students taken in 2016 in Bukit Mertajam, Penang. Most of them are now pursuing tertiary studies, including some who have also returned to teach in our programmes.*

“

**We believe in the need to advocate and create a movement of educators, students and the public to affect systemic changes to our education.**

DIRECTORS,  
ARUS ACADEMY



# ABOUT US





# Our Brand Promise

## Empowering Today's Problem-Solvers

Arus empowers today's problem-solvers through engaging and exciting experiential learning adventures that inspire them to create a brighter future for all.

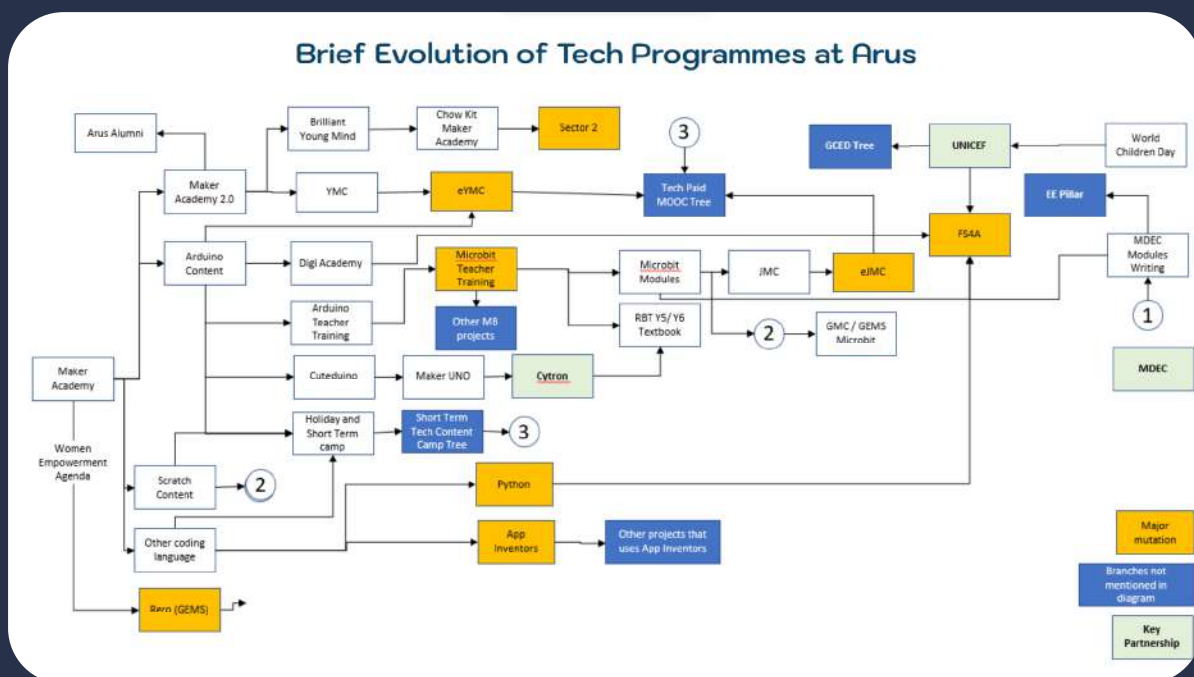


### Arus Fun Fact:

In 2021, our learning portals for students and teachers had over **1.2 million views**, covering coding skills, STEM, financial literacy as well as media and information literacy.

# Our Story

Seven years! That's how long Arus Academy has been transforming the education landscape in Malaysia. In a company-wide meeting, our co-founder David Chak walked us through the "genetic map" of Arus programmes. For many new staff members, it was a brief history of the company compressed into one slide:



It all began with four Teach For Malaysia alumni who got together in Bukit Mertajam, Penang. After many days and nights of brainstorming and working on it, Arus' first programme, Arus Maker Camp was launched in March 2015 with 30 students. It has since morphed into many 'variants', while retaining the core principle of meaningful learning for children.

One variant, the national #BolehCode movement under the Future Skills For All programme saw over 34,000 children and teachers trained with coding skills. From 30 students to 35,000, who would have imagined that?



Numerous other evolutions and transformations have taken place and today we have a variety of offerings ranging from an award-winning Global Citizenship Education programme on COVID-19 to a comprehensive range of financial literacy programmes for students, parents and teachers. We also started a media and information literacy movement for educators that was named Asia's best in 2021.

Seven years is a long time, many who first joined our pioneering team are today young parents and sought-after speakers or judges in the education field. New team members who join us now also bring in tremendous value and vibrancy to our work for the community.

Seven years is also a short time, for what we have built, rebuilt, learnt and unlearnt must always be on track to meet the needs of our students and teachers who are faced with unprecedented changes due to the pandemic.

And we pledge to be here to support them with what we do best - innovating for an education that empowers them to create a better future for themselves, their families and our world.

**Would you join us?**







A group of 12 people, including men and women of various ages, are gathered around a long, rustic wooden table in a restaurant. They are all smiling and making peace signs. The table is set with various dishes, glasses, and bowls. In the background, there is a large window with a view of the outdoors, and a modern air conditioner is mounted on the wall. The lighting is warm and inviting.

# ARUS 2021 AT A GLANCE



## Online courses



**19,006**

students enrolled



**13,926**

teachers enrolled

## Live workshops

**67**

teacher workshops

FOR

**7,572**

teachers

**30**

student workshops

FOR

**1,548**

students

FROM

**1,651**

educational institutions



Media Education For All

Media Education For All

## Satisfaction rates\*

**58%**

&

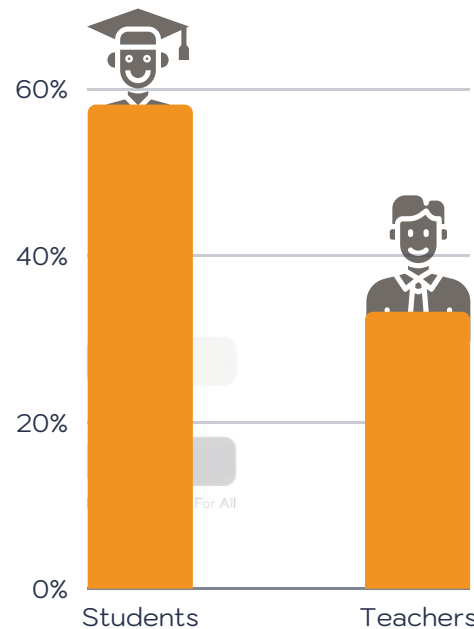
**33%**

of students

of teachers

would recommend our programmes to their peers

\*Refers to net promoter score' (NPS). For reference, an NPS of higher than 30 would indicate that a company is doing great and has far more happy customers than unhappy ones.



AGENTS OF TE  
MALA

Future Skills for All

FS4A

AGENTS OF TE  
MALA

# Achievements

# 38

media features

# 1

Asian level award

## Arus Fun Fact:

In 2021, Media Education For All (ME4A) was nominated as the Best Project for News Literacy in The Asian Digital Media Award.



東方ONLINE 推荐 国内 国际 财经 社会 娱乐 地方 专题



国内 发布于 2021年03月17日 20时54分 • 最后更新 9个月前

教育工作者受训 培养媒体素养技能推动改革



TheStar  
StarPlus News

TOPICS : Flood Alert

## We're taking on the world

By SANDHYA MENON

EDUCATION

Sunday, 06 Jun 2021



Science project: Students took part in a project called "Save Tasik Chini" where they built a model of Tasik Chini before and after illegal logging and human activities.

THE DISCOURSE

THE more we evolve, the more demands roll in on the kind of students our education system should produce.

JIWA SME

INOVASI, PENDIGITALAN BANTU SE KETIKA PANDEMIK

1:19 / 15:50



# OUR PROGRESS





# Empowering Educators

Educators around the world face unprecedented challenges as COVID-19 continues to ravage on. However, this also presents an opportunity for us to reimagine what education can be, or rather what potential it has to prepare our students for the future.

Arus conducted close to 55 workshops for over 7,000 teachers throughout 2021 on various themes such as global citizenship education, financial literacy, digital literacy, media literacy and innovative teaching methods. Our teacher learning portal also saw close to 7,000 teachers enrolled in it, while our two major teacher resource banks ([KGD+](#) and [ME4A](#)) had also been accessed close to 130,000 times since they were established.

Let's look back at how we've empowered educators in 2021...





A2ii

## Designing Virtual Workshop 101

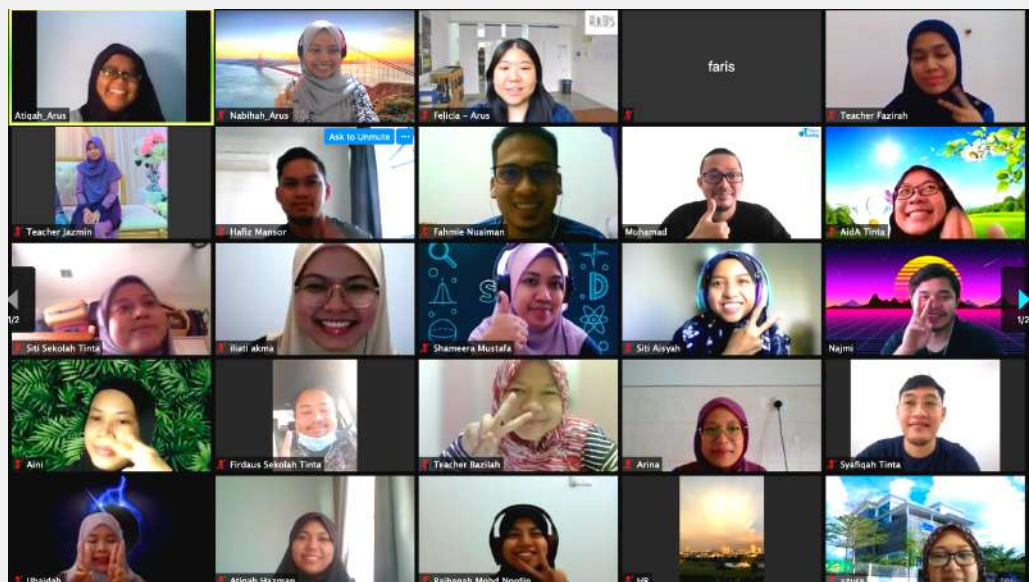


A Designing Virtual Workshop 101 training was conducted with staff members of the Europe-based Access to Insurance Initiative (A2ii). We introduced to them the 4 parts of a virtual workshop (from opening to closing) and the different strategies that could be used in each of the 4 parts.

Sekolah Tinta

## Tinta Workshop

This was a series of workshops where we taught teachers from Sekolah Tinta, Shah Alam how to organise their virtual workspace and classroom, to use applications to increase engagement and interactivity as well as to maintain internet safety.



## Google certified Educator (GCE)

### GCE

The Google Certified Educator (GCE) programme was an online preparatory course for teachers to take the GCE exams which came in two levels. The Arus team created video tutorials for both Level 1 and Level 2 to help teachers understand each topic and answer the quizzes. Teachers needed to get all answers correct in order to get a voucher to sit for the real exam.



### Arus Fun Fact:

GCE course trained over 9,000 teachers to be Google certified on DELIMa, the Education Ministry's digital learning portal.

## Digital Readiness Academy (DRA)

### DRA

The Digital Readiness Academy (DRA) is an initiative by the British Council sponsored by HSBC to empower local teachers and students with digital literacy, financial literacy and core skills for their future planning and resilience in a post-Covid-19 and tech-focused world.

In 2021, the pilot programme involved teachers in Hong Kong, Indonesia, Malaysia and Vietnam. As the DRA's delivery partner in Malaysia, Arus trained 44 teachers nationwide to get their students to learn coding and present 14 innovative micro:bit projects tackling the United Nations' Sustainable Development Goals (SDGs) in a virtual student hackathon.



**DRA**



## Guru Celik Kewangan

Guru Celik Kewangan (GCK) is the first personal financial literacy and professional development experience for adults, specially crafted for teachers in Malaysia!

The 6 concise modules complete with ready-to-use skills, practical tips and exemplary classroom activities, are aligned with the Ministry of Education's guideline for financial education.

Besides interactive online modules, introductory workshops were also held in collaboration with state and district education offices. Teachers were given an opportunity in the Impian Celik Kewangan competition to pitch for grants which would be used to carry out their projects and integrate financial literacy into their classrooms.

More than 600 teachers nationwide enrolled and experienced the GCK course in 2021!



“

Saya bercadang untuk membina aplikasi di pelantar digital untuk mengajar literasi kewangan dan meneroka lebih banyak topik dan kemahiran pengurusan kewangan asas yang lain untuk turut mengetengahkan aspek seperti perlindungan dan takaful.

CIKGU G. PARAMESSWARAN  
SJK(T) KANGAR

WINNER  
IMPIAN CELIK KEWANGAN



“

“Thanks to the GCK programme, I'm able to gain more knowledge to teach the SPM syllabus which requires us to guide the students on Consumer Mathematics.”

CIKGU RAYMOND HU  
SM SAINS MIRI

COMPLETED GCK  
COURSE IN  
LESS THAN A DAY!



# Media Education For All

Collaborating with educators and media professionals, the Media Education for All (ME4A) movement has empowered over 4,000 educators through the Media Education Academy's free online programme, so they can raise critical thinkers in the classrooms. We have also developed a crowd-sourced resource bank of lesson materials for nationwide sharing. ME4A has also won the Best Project for News Literacy, Asian Digital Media Awards 2021.



Kemahiran digital harus cakna,  
Institusi Media menjadi inspirasi,  
Cabaran MEA sangat bermakna,  
Literasi Media tunjang teknologi.

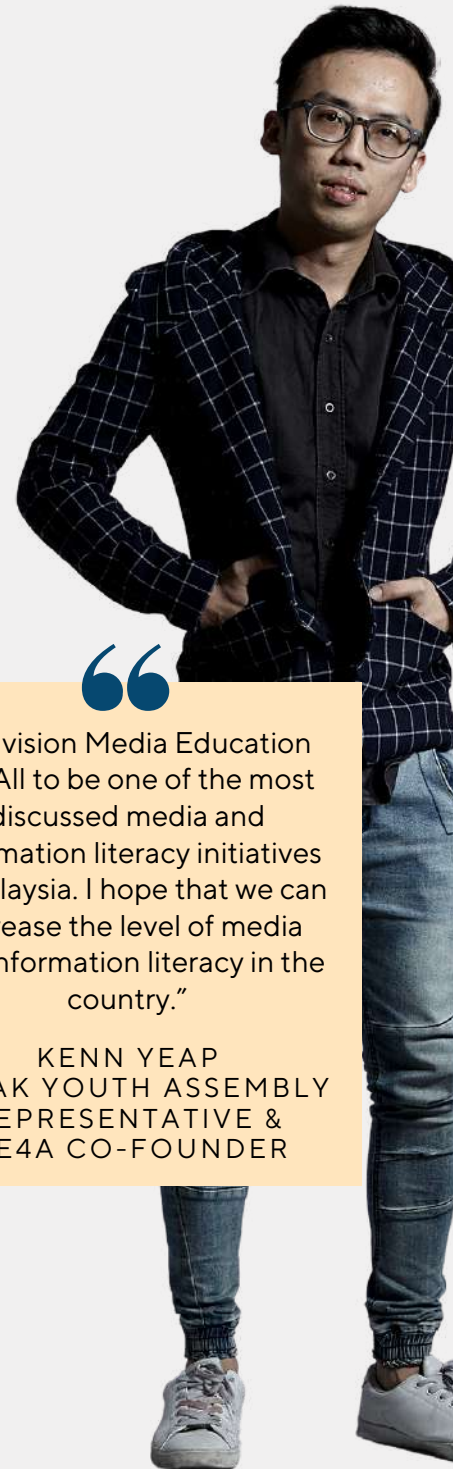
Menambah ilmu penuh di dada,  
Agar menjadi insan yang mapan,  
Ilmu ditimba mengasah minda,  
Menjadi rujukan masa hadapan.

Era teknologi kita bersedia,  
Agar pelajar menjadi cerdas,  
Pengajaran terkini Literasi Media,  
Menjadi sumber inspirasi pendidik.

CIKGU KHAIRU RASHID  
SMK TAN SRI JAAFAR ALBAR  
MEA CHALLENGE WINNER



*The Asian Digital Media Award 2021 Medal. ME4A was nominated as the Best Project for News Literacy.*



"I envision Media Education For All to be one of the most discussed media and information literacy initiatives in Malaysia. I hope that we can increase the level of media and information literacy in the country."

KENN YEAP  
PERAK YOUTH ASSEMBLY  
REPRESENTATIVE &  
ME4A CO-FOUNDER



# GET INSPIRED TODAY

“As long as you learn something, you have won that day.”

Ariff Amir All  
Co-founder of Thinkers

Episode 1: How has coding changed your life?

Watch Get Inspired Series at Arus Academy youtube

It's not about winning or losing, but the process of working on the project itself.

Felicia Anne Fernandez  
Cyber Security graduate / Coding Teacher at Girls Maker Club





# Empowering Students

Arus' Youth Pillar aims to guide and empower the youths to take ownership of their own learning and personal development to inspire the creation of a brighter future for all.

In 2021, we shared, collected and compiled our experiences and good practices into a playbook and a directory of resources. In Q1, we established a learner's profile document based on Arus' REACH values. In Q2, we started a document on Arus Child Protection and Rights Policy in order to ensure the safety and wellbeing of our students. In Q3 and Q4, we created a standardised communication platform using Discord to engage with students post programmes with the aim of nourishing new student leaders.

Here's a recap of our student programmes in 2021...



CHONG LOK PHEN,  
SABAH  
5 OKTOBER 2021

## Agents of Tech

To close the gender gap in STEM, we collaborated with Mastercard and the National STEM Centre of the Ministry of Education (MOE) and launched Agents of Tech, a Girls4Tech™ STEM education programme, on MOE's DELIMA portal. It is a bilingual digital learning platform that offers an engaging curriculum and empowers students to learn Cryptology, Detection, All Things Digital, Big Data and Artificial Intelligence for Social Good. More than 3000 students enrolled, with 10 National Innovation Icons selected and 308 video submissions from girls nationwide.



*Arus' Nabihah demonstrating to students how facial recognition works through a TikTok video which received over 14,000 views.*

“

"Easy-to-understand learning kit for students and teachers to use in the teaching process"

CIKGU MOHD HAFIZ MD ESA  
SK DATO' YAHYA SUBBAN

“

Saya menulis E-diary setiap hari tetapi kakak saya suka mengintai isi diary saya. Saya berasa marah. Dengan ada kemahiran tokenisasi, saya boleh membina password yang lebih selamat dengan pelbagai emoji. Saya boleh menulis diary dengan leganya selepas itu.

GENEVIEVE LOW YING FEY  
SJK (C) HAN CHIANG



*(From left to right) Amanda Ho (Sarawak), Afrina Asma' Alhannah (Melaka) and Viveneshwary (Perak) were among the 10 chosen to be Agents of Tech's national icons. Watch them present their ideas on our [YouTube channel](#).*

ISIWI



## Future Skills for All

Future Skills for All (FS4A) is a one-stop portal for the learning of core skills for the future and is highly accessible to teachers and students. The content is well-aligned to the national curriculum standards from Primary 5 up to Secondary 5, covering 4 main series, namely Micro:bit, HTML, Python and SQL. As of November 2021, the site had achieved over 900,000 page views, 34,000 unique users and a 36% course completion rate, which is impressive (if we may say so ourselves) given that the courses are online.

“

**“Program FS4A #BolehCode telah memberi peluang dan membuka minda murid-murid sekolah luar bandar seperti sekolah kami untuk belajar pengaturcaraan / coding yang sebelum ini dianggap sesuatu yang sangat susah. Murid-murid luar bandar kebanyakannya tiada laptop / komputer peribadi. Akan tetapi, program yang dirancang oleh FS4A (contohnya, pengajaran micro:bit) masih dapat diakses dengan telefon pintar. Justeru itu, murid-murid luar bandar masih berpeluang belajar *coding* sendiri di rumah khususnya pada masa pandemik Covid-19. Pihak sekolah amat berterima kasih kepada pihak FS4A atas inisiatif ini.”**

CIKGU LEE SETZ TSIN  
SJK(C) POI YUK, SIBU, SARAWAK







# Our reach at a glance

<https://futureskills.moe-dl.edu.my>



After going through FS4A modules,  
mean score of participants' coding skill  
level increases



mean score of participants' interest towards  
coding skills and knowledge increases



900,000++ Pageviews	34,000++ Unique users	36% Completion rate	3,485 Number of teachers trained	1,600 Number of schools participated
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"This programme is  
getting us prepared  
for the future world."

Terence Ch'ng Kai Ze, 12 years old





# Fun(d) For Life Kejar Impian

With the support of FWD Takaful, we taught financial literacy to 189 students across 13 states in Malaysia by connecting it to their dreams and passion through Fun(d) for Life's Program Kejar Impian. Students learnt insights and received hands-on guidance from Mentor-Sifus and industry professionals as they developed the needed skills and pursued their dreams of being a Content Creator, Visual Artist, TV host, e-Sport Gamer, and Entrepreneur. Their newly-found skills and knowledge are then complemented with the financial know-hows to make it come true.

Watch the students in action here: <https://fundfor.life/impian/>



“

**“Saya sangatlah gembira kerana dah lama nak jumpa Abang Mijan. Masa bengkel tadi dia ada sebut nama saya, tangan saya ini sampai shaking sebab orang yang memberi saya inspirasi sebut nama saya, banyak ilmu saya dapat alhamdulillah saya harap cita-cita saya nak jadi artis visual tercapai, amin. Terima kasih, saya sangat berpuas hati dengan program ini.”**

NUR AIN EMELIN EZAIDIN  
SMK TENGGU PETRA

Children practised agency and creativity by taking charge of their personal finance and planning how to pursue their dreams in Fun(d) For Life Kejar Impian.



### Tips Kewangan Peribadi Saya

- 1) Mengamalkan amalan menabung sejak di bangku persekolahan
- 2) Memasukkan wang simpanan ke dalam akaun ASB untuk mendapat kadar faedah dividen dan bonus.
- 3) Bermiaga secara kecil-kecilan seperti membuat servis video editing. Percaya atau tidak, servis ini amat diperlukan terutamanya ketika Pandemik COVID-19 melanda. (High Demand)
- 4) Cuba untuk mendaftar sebagai Dropship/Agent perniagaan makanan. Semua orang SENTIASA MEMERLUKAN makanan!
- 5) Ukur Baju Di Badan Sendiri, jangan terlalu obses kepada barangan trend semasa. Utamakan barangan keperluan.

FFLDC

**"Saya berasa  
sangat gembira  
dapat  
menyertai dan  
mempelajari  
sesuatu  
daripada  
program ini"**  
- Asyraf Ikhwan  
Razali  
*Fun(d) For Life  
Kejar Impian  
participant*

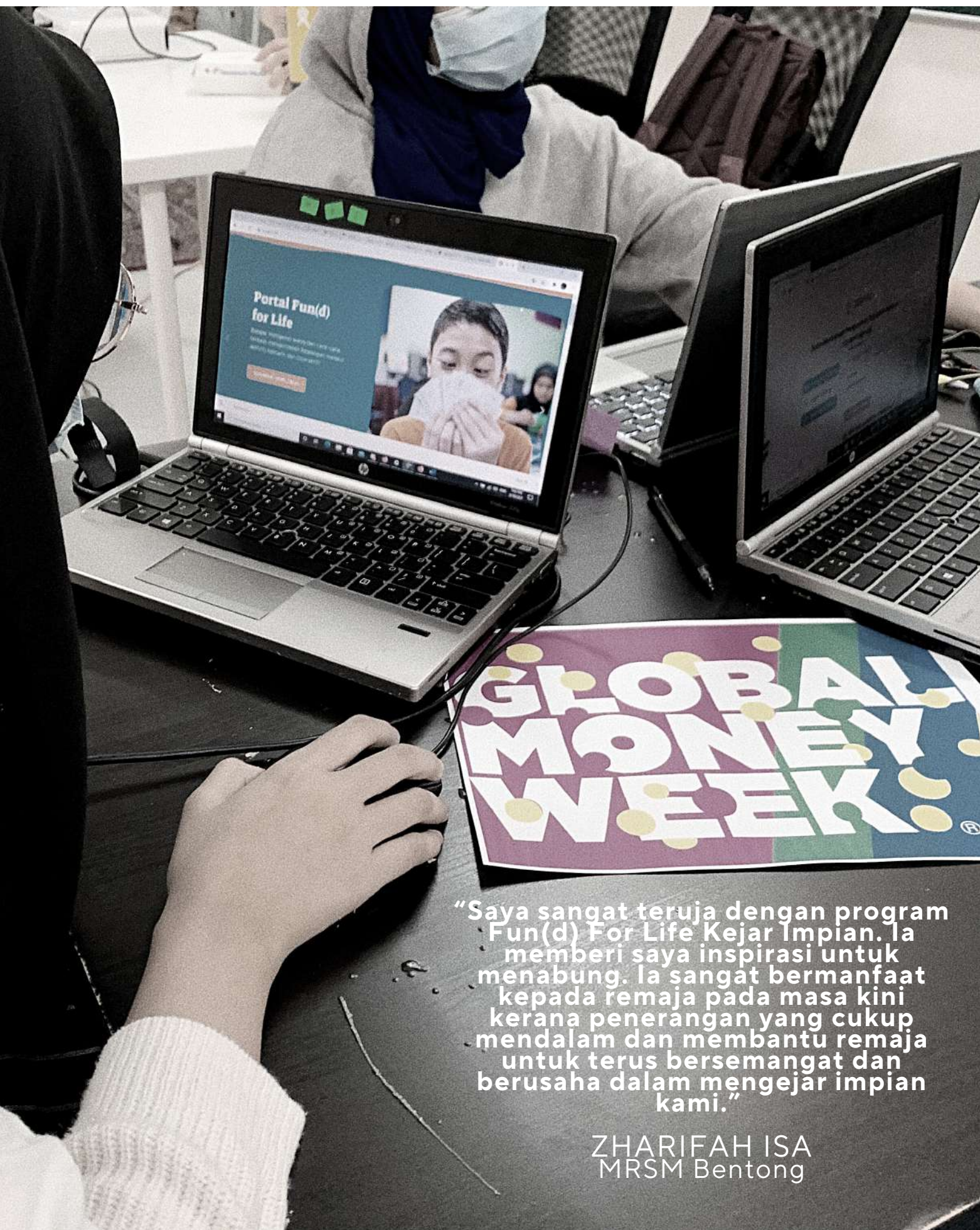


# PROGRAM KEJAR IMPIAN



Asyraf Ikhwan Razali





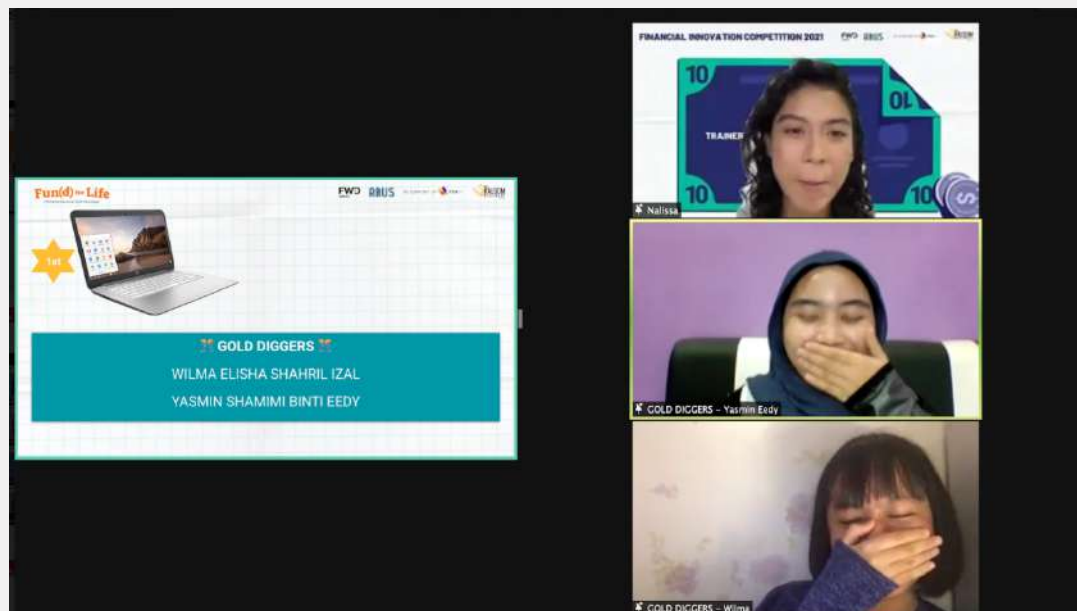
"Saya sangat teruja dengan program Fun(d) For Life Kejar Impian. Ia memberi saya inspirasi untuk menabung. Ia sangat bermanfaat kepada remaja pada masa kini kerana penerangan yang cukup mendalam dan membantu remaja untuk terus bersemangat dan berusaha dalam mengejar impian kami."

ZHARIFAH ISA  
MRSM Bentong



## Fun(d) For Life National Camp

With the aim of empowering and teaching students financial literacy, Arus conducted the FFL Financial Innovation Competition in collaboration with FWD Takaful within it's Fun(d) for Life initiative. Spread throughout 6 weeks, we organised 13 live sessions with 54 students nationwide. Students were required to come up with a financial plan for their client, covering the aspects of goal setting, budgeting, protection and investment for the finale. This gave them a stronger purpose and motivation to first learn about the the topics for themselves.



*The students, Wilma Elisha and Yasmin Shamimi showed their disbelief and excitement when they were announced the top prize winners.*



“

“From this competition, we have changed our mind. People usually spend first but from this competition, we know that we have to pay ourselves first, save first then only spend.”

ALICIA KHAW CHIA INN  
SMJK CONVENT  
DATO' KERAMAT



# Arus e-Tech Programmes

e-Tech Programmes were asynchronous learning courses (e-Junior Maker Club, eJMC and e-Young Maker Club, eYMC) which enabled students to explore micro:bit- and Arduino-based computer programming and project-making at their own pace.

Students went through a 3-month learning journey consisting of 10 interactive lessons with teachers' support through WhatsApp or Telegram.

At the end of the programmes, students were given the opportunity to present their final projects in virtual exhibitions held in June and October alongside their peers from On-Location Tech Programmes.

“

Arus inspired me to be creative and analytical, I started coding with micro:bit and looking forward to learn Arduino and Python!

AL LAYTH  
eJMC STUDENT



“

I enjoyed the exhibition day because I could share my project to all viewers and I gained experience from online presentation. It was fun. I felt excited too because many viewers liked my Cobra-Byte project. It was one of the most effective ways to attract new faces into coding.

BRYAN WILDAN TAN  
eJMC STUDENT

## On-Location Tech Programmes

On-Location Tech Programmes (Junior Maker Club, Young Maker Club and Girls' Maker Club) were synchronous classes where students learnt micro:bit- and Arduino-based programming, design thinking and project making through hands-on lessons.

For their final projects, students presented their digital solutions to address real-life problems in virtual exhibitions held in June and October alongside their peers from e-Tech Programmes.

In 2021, our students' projects have won numerous external awards. Some notable examples are Tan You Han's *Forest Guard*, Jayden Tan's *Recycle for Food Kiosk* and Jared Tan's *e-Mom*.



“

Before joining YMC, my student life was a bit perplexed as I didn't get a chance to pursue my dream. Now, I have specific plans, ambitions and clearer goals to work for without any distraction.

TAN LE YU  
YMC STUDENT



You Han's project, *Forest Guard* won the first prize in the Celcom Young Digital Innovators Program.



Our alumna, Felicia Anne (right) rejoined Arus as a GMC instructor.



“

No matter how good the e-Mom gets in the future, it will never replace a (real) mother's love and care.

-Jared Tan  
JMC student

*Jared's project, e-Mom: Your Virtual Family Assistant won the silver medal in Kuala Lumpur Engineering Science Fair 2021 and also made him the champion in Coolest Projects Malaysia 2021.*



“

I had a chance to improve my communication and presentation skills during project presentations. I strongly encourage everyone to come and join us, you surely won't regret it!

-Jayden Tan  
JMC student

*Jayden's Recycle for Food Kiosk project won the gold medal in the Kuala Lumpur Engineering Science Fair 2021 and second runner up in Coolest Projects Malaysia 2021.*



## FB Digital

# Facebook We Think Digital

We designed an experiential journey for students to learn about their digital selves. In every topic, there was a story about Angela. Students learnt how to help Angela interact and navigate around the internet in a safe, responsible and healthy way. All the information students needed was made interactive with games to reinforce understanding. We also developed a dashboard for students and teachers to track their progress online across the modules.

## DFIC 2021

# Digital Financial Inclusion Challenge (DFIC)

The DFIC2021 was a competition to gather solutions from youths aged 18-30 on how to increase the understanding, access and uptake of microtakaful among the marginalised.

A total of 6 out of 14 teams (3 participants per team) were selected to compete. Participants had to undergo self-learning modules and live workshops on financial inclusion, empathy and design thinking. Mentorship was also provided by experts from FWD Takaful to prepare the participants for their final presentations, which can be viewed here: <https://arus.cc/DFIC2021finale>



“

"I learnt so much from the workshops listening from people in the industry and that's changed my perception of takaful. We really need to do more to reach certain communities."

WAN TASNIMA  
INTERNATIONAL ISLAMIC  
UNIVERSITY MALAYSIA



“

"I was amazed there's something like this catering to the B40 community. There's room for innovation and that's what this competition is for."

SYED NAZRIN  
ASIA PACIFIC UNIVERSITY



# DIGITAL FINANCIAL INCLUSION CHALLENGE 2021 CHAMPION

1



## TEAM 1

Leader: Wan Ain Adlina Binti Che Wan Mansor  
Ahmad Bukhari Bin Rahiman  
Muhammad Azamuddin bin Mohd Azahari  
(Universiti Utara Malaysia)

## THEIR WINNING IDEA

Team 1 envisioned an app called 'Sempurna' which would allow consumers to customise their takaful plan to decide the exact coverage needed based on personal circumstances. It included rewards for behaviours that would lower their risk profile (such as exercising). They also suggested more accessible payment methods through mobile prepaid credit and the post office, among others.





# Empowering Communities

Throughout 2021, Arus actively reached out to the community to engage the people we aspire to serve, both virtually and in person. We have maintained a close relationship with Buku Jalanan Chow Kit, an alternative learning centre, in order to serve underprivileged kids.

Besides, we are also proud to have collaborated with a major textbook publisher and a national broadcaster to produce meaningful learning contents.

Moving forward, we would like to continue being an advocate for a better education system through storytelling and utilising social media platforms to reach out to the community directly.



## Arus x BJCK (Project Equality for All)

Students at Buku Jalanan Chow Kit (BJCK), an alternative learning centre, were hard-hit by the COVID-19 pandemic. Maker Academy Kuala Lumpur (MAKL) aimed to provide these students a meaningful avenue to learn academic and digital skills by using a cross curriculum, project-based learning (PBL) approach that focused on hands-on and life-long skills around innovation, digital skills and entrepreneurship. A note of gratitude to Hong Leong Foundation for funding this project.

BJCK students carried out a 13-week project incorporating Mathematics, Science, Malay, English, Geography and History with a theme of achieving equality for all. In addition, they were also taught website design and HTML programming to produce advocacy campaigns as their final project.

Their advocacy projects *Gajet Untuk Semua* (Device for All) and *Masalah Internet* (Internet for All) won the first and third prizes respectively in the Celcom Young Digital Innovators Program competition. You may check them out at <https://arus.cc/advokasi-bjck>



“

Mereka rasa seronok dan lebih bersemangat untuk belajar bila kita lakukan Project-Based Learning (PBL). Saya rasa pendekatan PBL ini adalah salah satu cara terbaik untuk kita lakukan sepanjang kelas PdPR.

CIKGU ATIKAH  
BUKU JALANAN CHOW KIT





## Better Health Programme

In this programme, we worked with RTI International to create experiential learning experiences for their community health volunteers (CHVs). CHVs were recruited from the community to run health awareness programmes in their respective communities to combat the rise of non-communicable diseases (NCDs).

Arus created a gamified training experience where the participants would “create” their meals according to ingredients given and be given points based on how healthy the meals were.

Besides, Arus also made a board game to teach the community about healthy diets and habits. This board game would become one of the toolkits which the CHVs would employ in their work.

Both of the learning experiences that we designed received high commendation from the participants.

### *Permainan* **Pemakanan** **Sihat untuk** **Komuniti B40**

"Saya seronok sebab ada penerangan tentang masakan yang boleh kita makan untuk kesihatan dan dapat berjumpa dengan kenalan baru."

"Program ni yang terbaik sebab kita boleh belajar tentang pemakanan yang sihat..."

– Sukarelawati Kesihatan Komuniti,  
PPR Sri Kota



Microcontroller programming was newly introduced into the national Year 5 syllabus through the Design and Technology subject in 2021.

Collaborating with Budiman Publisher, the Year 5 Design and Technology textbook for Chinese vernacular schools (SJKC) written by our very own David Chak and Khor Yi Thing was selected as the official publication to be used by 90,000 SJKC students across Malaysia.





## Astro's SMK Study Squad

Arus was the academic consultant for the TV broadcaster, Astro's SMK Kelas Tambahan and SMK Study Squad LIVE programmes.

SMK Kelas Tambahan was a 5-episode series where students revised English, Sejarah, Geografi, Maths and Science covering Form 1 to Form 3 topics. Arus designed each episode to allow the students to revise the topics in a fun and meaningful way. For example, the topics of speed and acceleration (Maths), nutrition (science), and English communication/speaking skills were taught through a football episode which followed a character in the show in his dream to become a footballer like Cristiano Ronaldo.

SMK Study Squad LIVE was a follow-up live show whereby teacher experts for Maths, Science and Sejarah came on the show to help students revise a topic and address some common mistakes. Arus worked together with Astro to produce the show by searching and interviewing teacher experts for the show and preparing all the show materials, including being on live to assist the show.

Following the success of SMK Study Squad, we are embarking on more meaningful edutainment programmes to make learning more fun and meaningful for students.



# PARTNERS AND SUPPORTERS





"The Agents of Tech programme is timely and in line with MOE's effort to strengthen STEM education in Malaysia. We want students throughout Malaysia, especially girls, to take on STEM-related subjects so that they will be able to think analytically and be more creative and innovative as these are the most needed skills in the future, especially amidst a highly technology-savvy environment."

**DR IHSAN ISMAIL**

*Deputy Head of Secretariat (Technical),  
Digital Education Policy Secretariat  
Ministry of Education Malaysia*



"...saya melihat Arus dapat memberikan kita sumber pengetahuan yang cukup menarik bagi melengkapi diri kita sebagai sebahagian daripada pembangunan profesionalisme diri kita sebagai seorang guru."

**CIKGU WONG KUNG KUI**

*Fun(d) for Life Guru Partner  
Timbalan Pegawai Pendidikan Daerah  
Sektor Pembelajaran  
PPD Miri*

"When I was their age, I didn't know what I wanted to be. Yet before me stood a bunch of young students developing a clarity of their goals and dreams. The "Kejar Impian" program provided them this first step to chase and achieve their dreams."

"'Kejar Impian' has now become a favorite (I actually love them all) of mine under the Fun(d) For Life programme and I can't wait for the next one."

"Hoping to make more dreams come true."

**WAN AHMAD NAJIB**

*Fun(d) for Life Program Kejar Impian Judge  
Chief Strategy & Digital Distribution Officer  
FWD Takaful*



"I was impressed by all the students' projects. They all managed to construct a project and program it all on their own, especially at this time when all the classes are done remotely without any supervision."

We are deeply supportive of the work that Arus does for students all around Malaysia. Other than programming, students are also given the opportunity to polish their soft skills..."

**YB LEE KHAI LOON**

*Arus Tech Programmes Sponsor  
ADUN Machang Bubok*





"As a judge in the Student Hackathon, we saw a lot of innovations on real world issues such as well-being and climate change. We also observed responses to the pandemic, and that was fantastic. I believe all students have achieved the aim, they have created innovative and imaginative projects."

**PRABHA SUNDARAM**

*DRA Student Hackathon Judge  
Head of Education  
British Council Malaysia*



"I am glad to see that the students are able to produce tangible results from their learning to show us today, despite the unprecedented constraints. Kudos to Arus for actively engaging with the students and accommodating their needs, including offering laptop loans and letting students come to Arus to use computers to make sure no one is left behind."

**YB HENG LEE LEE**

*Arus Tech Programmes Sponsor  
ADUN Berapit*



"Terima kasih Arus Academy kerana menjadi rakan strategik Digital Classroom Malaysia. Modul Arus yang merangkumi pelbagai dimensi pemerkasaan, pembangunan emosi dan sahsiah yang disebarluaskan oleh Digital Classroom Malaysia membantu guru - guru di seluruh Malaysia dalam membina generasi hadapan yang bersedia dengan perkembangan pantas teknologi serta cabarannya. Perjalanan kita masih jauh namun kita sudah di hadapan bersama-sama."



**NIK MUHAMMAD KAMIL BIN NIK RAZALI**

*Penganjur Bersama Bengkel ME4A, FS4A dan AOT  
Timbalan Pengerusi  
Digital Classroom Malaysia*

"...I am really proud to be a part of FFLNC, that it's not just a competition, it's a continuous learning curve that includes everyone, regardless if you're winning or losing. That is really what we want, right? It doesn't matter if you win or lose, everyone gets to go home with something useful that they can carry for their whole lives."

"...Kudos to the whole Fun(d) For Life team because what you guys are doing is going to bring massive impact to the community. Financial literacy has never been more crucial especially in these trying times. Hopefully the experience that everyone had during the FFLNC would at least help create a little spark that would bring a multitude of benefits for generations to come. Thank you for planting these seeds for a brighter future for everyone and thank you for letting me be a part of this experience."

**WAN MOHAMAD FAWWAZ**

*Fun(d) for Life's National Camp Facilitator  
Vice President of Strategic Development  
The Kalsom Movement*





A group of 20 people, including men and women of various ages, are posed in several rows on a balcony or outdoor walkway. The image has a teal/blue color overlay. In the background, there are trees and a building. A large ceiling fan is visible on the right side. The text "OUR TEAM" is written in a bold, orange, sans-serif font in the upper right corner.

# OUR TEAM

ALINA



**ALINA AMIR**

Co-founder, Business  
Development

DAVID



**DAVID CHAK**

Co-founder, Curriculum  
Director

FELICIA



**FELICIA YOON**

Co-founder, Financial  
Controller

DANIEL



**DANIEL RUSSEL**

Co-founder, Academy  
Director



## Pillar: Content Development

### Team members:

- Khor Yi Thing
- Faiz Mohsin
- Mazrina Mahayudin
- Era Natasha
- Amiry Fahmi
- Hafizah Ramdan

DAVID



**Lead: David Chak**

## Pillar: Teacher

### Team members:

- Nabihah Hashim
- Atiqah Nazir
- Farhanah Adam
- Fadhil Ghazali
- Puteri Syarafina

ALINA



**Lead: Alina Amir**

## Pillar: Youth

### Team members:

- Khaw Wei Young
- Nalissa Asri
- Noor Anirazlina

DANIEL



**Lead: Daniel Russel**

PHUI YEE



## Pillar: Community Engagement

Lead: Yam Phui Yee

### Team members:

- Faizah Farhana
- Azreen Sahabudin
- Tan Ze Kai

## Sector 2

### Team members:

- Azrina Azmi
- Fadhil Ghazali
- Aina Sahira

FELICIA



Lead: Felicia Yoon

## Human Resources and Finance

### Associate:

- Charlotte Nathan



## Interns of 2021:

- Danish Hilman
- Hanum Fauzi
- Muhammad Nejim Al-Asedi
- Raja Putera Aiman
- Tung Tze Yang
- Jason Song

*Since my day 1 in Arus, I've been given a free hand to curate creative contents using my own creativity. Arus has allowed me to develop, explore, and get things done at my own pace. This place is filled with great, supportive individuals blessed with endless ideas.*

*The work culture is literally the best! As an intern, everyone in Arus has made me feel that my feelings, opinions and concerns are valid. There's no toxic vibe at all, which lets me focus on creating our digital educational products for the audience.*

*Arus has trained me to consistently look at things from various perspectives and to empathise for others. I have learned so much throughout the process and I wish that my work would serve as the best educational experience to the society!*

**HANUM FAUZI**  
**Intern, Creative Content**



# HOW TO GET INVOLVED





# Join Our Mission

Bringing meaningful and exciting education to all is a huge task for Arus to do alone. Will you join us? Here's how.

## BE A PARTNER

Arus has collaborated with local and international organisations to deliver bespoke education programmes that create a win-win-win for all. Is your organisation looking to work with an award-winning social enterprise to make a positive impact in the lives of students, teachers and families in Malaysia? Please write to us at [enquiry@arusacademy.org.my](mailto:enquiry@arusacademy.org.my)



## BE A TEAM MEMBER

Build your career by becoming a changemaker in the education landscape of Malaysia together with our homegrown community. Experience working alongside a high performing team that is fun, authentic, caring and supportive. Check out our website at [www.arusacademy.org.my](http://www.arusacademy.org.my) to find out available positions for staff members, interns and volunteers today.

## BE A DONOR

Arus can only grow and reach a new milestone with the help of supporters that believe in our cause. Now you can get tax exemption when you donate to Arus Education Sdn Bhd (1177232-U) up until 27 Dec 2023.

Here is our banking information:

**Arus Education Sdn Bhd**

**Account No: 7311207291 (OCBC Bank)**

**Reference: Donation**

You may also scan the QR code to the right with your mobile banking/e-wallet app. **Remember to include the reference 'Donation'.**



## BE A COMMUNITY MEMBER

We would love to connect with you on social media! That's where you can also find out about the latest Arus programmes, contests and opportunities. Follow us by searching Arus Academy on Facebook, Instagram, Twitter, Telegram, TikTok and LinkedIn. Come say hi!







*"I have never been so involved in doing what I love before I joined Arus. Arus allows me to develop more of the skills that I am already familiar with and also encourages me to continuously learn new things, which I enjoy. Plus, the environment in Arus is always full of support and individuals who are constantly full of innovative ideas! I hope the videos that we created would serve as an alternative way for students to learn and also for teachers to utilise in their own lessons."*

**AMIRY FAHMI**  
**Associate, Creative Content**

## THANK YOU

to all our students, teachers and partners  
for joining us on our journey  
to make learning relevant.

# Arus Academy

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