

Year of Academic
2019 | 2020

CREATING EXPERTS FOR FUTURE

Productivity

Creativity



FOR FURTHER INFORMATION KINDLY CONTACT: +603-5122 0701 / 0703

MITstem[®]
INTERNATIONAL SCHOOL

MIT Academy Sdn Bhd (647236-A)
26, Jalan Anggerik Vanilla Y 31/Y, Kota Kemuning, 40460 Shah Alam, Selangor, Malaysia.
e. info@stemera.io | t. 603-51220701/0703 | f. 603-51220704

MITstem[™]
INTERNATIONAL SCHOOL
CREATING EXPERTS FOR FUTURE

www.mitstem.com.my



About Us

We are pleased that you are considering MITstem International School for your child.

We are a friendly and happy school with a strong sense of community. Respect, empathy, creativity, and independent learning are a priority at MITstem, as we understand that a good education is not just about exam results, but also the emotional and social development of our children.

In addition to a rigorous academic programme, we offer a rich extracurricular calendar, including day and residential trips, after school clubs, work experience, and a colourful array of school and inner-school events designed to develop students at all levels.

Through our well-balanced curriculum, we seek to discover our children interest and strengths. We engage continuously with parents, through regular communication with whatsapp group, to ensure our students are continually working towards their academic excellence, achieving their full potential, and overcoming any obstacles that may arise in the course of their learning.

Every member of our school is encouraged each day to participate actively in all school events and activities and to make a positive difference to the lives of those around them.

If you would like addition information, please contact the Admission Office.

We are a friendly and happy school
with a strong sense of community.
Respect, empathy, creativity and
independent learning





Vision

**Global Technology
Training Institution and
STEM International
School providing
education and career
advancement creating
jobs for future.**

Note : STEM – Science, Technology,
Engineering and Mathematics

Mission

We are committed to provide meticulous and technological enhanced curriculum and learning experiences.

We aspire to provide valued services to all our stakeholders – learners, associates, partners, clients, shareholders, investors, government and community.

We are committed to develop and sustain quality standards, knowledge and skills for learners empowerment, professional development and global competitiveness.

**We are committed to
provide meticulous
and technological
enhanced curriculum
and learning
experiences.**



Our Milestone

Established in 1976 as a rattan furniture manufacturer under Cosmopolitan Business Agencies (CBA). In 1989, it has changed its operation to training and consultancy. In 2004, the CBA officially changed its name to MIT Academy Sdn Bhd.

MIT Academy is a technical college offering engineering skills courses to school leavers accredited by Department of Skill Development (DSD), Ministry of Human Resources No. L01956 License and industries staff and Diploma and Degree Holders Graduates conducted under Human Resources Development Fund (HRDF) License No. 647236A fully Funded Programmes under Inbase, Generate and Future Workers Training. MIT Academy has provided training and education to almost 5,000 students and industries staff.

In October 2012, the Ministry of Education has appointed MIT Academy as the first Private Vocational College offering the Malaysian Vocational Diploma programme for the PT3 graduate students for a 4-year diploma programme.

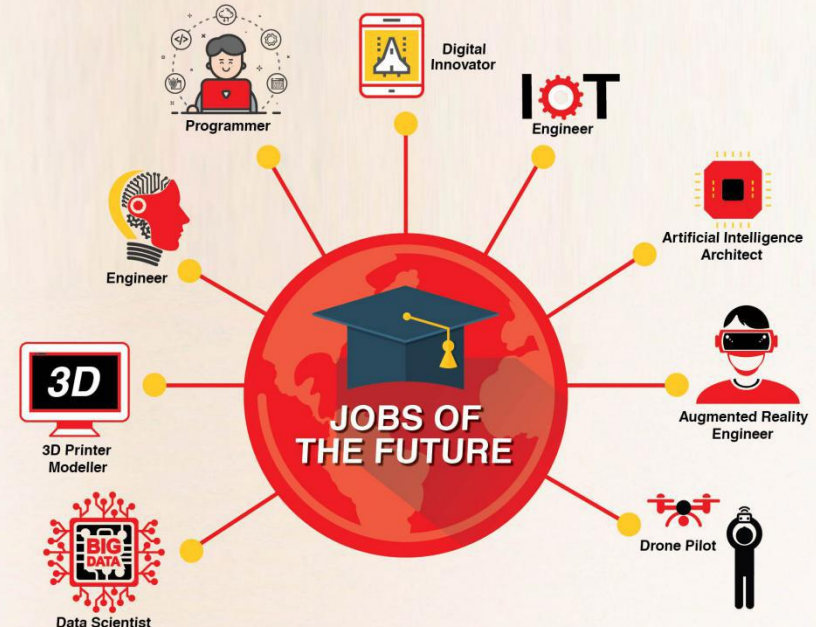
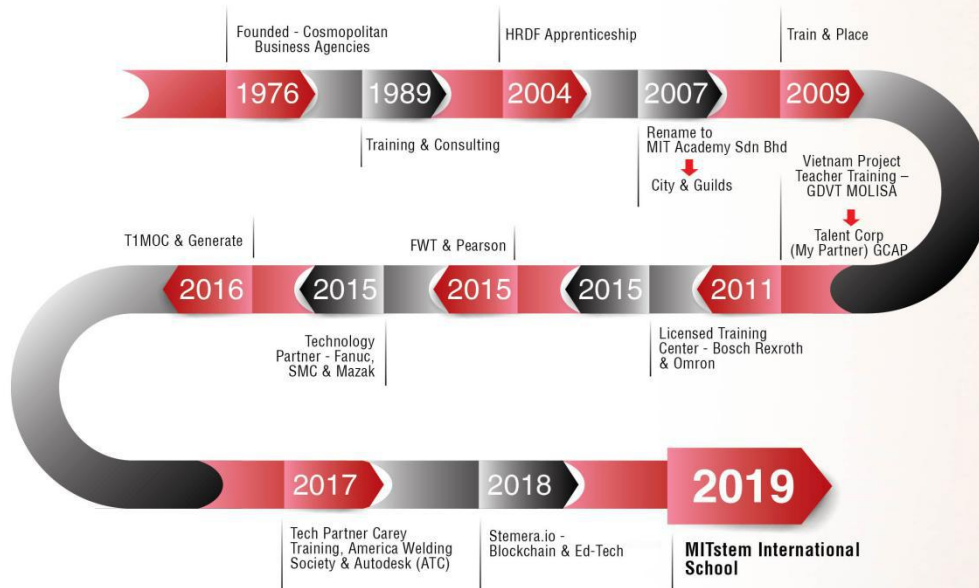
In 2015, MIT Academy Sdn Bhd appointed by Omron & Bosch Rexroth - creator of Industry 4.0 as a Licensed Training Partner (LTC) & Authorised Training Center (ATC). By 2016, MIT Academy has become technology partner for Fanuc, SMC and MAZAK.

Moving towards 2018 MIT Academy has develop into International School called MITstem International School. At MITstem, we believe that a good education is not just about exam results, but also the emotional and social development of our children. We offer a rich extracurricular calendar, including day and residential trips, after school clubs, work experience, and a colourful array of school and inner-school events designed to develop students at all level



We are committed to develop and sustain quality standards, knowledge and skills for learners empowerment, professional development and global competitiveness.

Storyline For Milestone



Certification

- Cambridge (IGCSE) Certification
- Preferred Education Partner - AdvancED



Hybrid Degree Stem Certification

- multiple Certification, Value for money

Value Proposition

- LTC Certificates
- AdvancED Stem
- STEMera lifetime membership
- Complimentary STEMera tokens
- Pathway to universities



 AdvancedED™
To be certified **STEM**
Certification

Study Tour to Selected Giant Company

UNITED STATES

1. Google
2. AWS
3. Microsoft
4. Siemens

CHINA

1. dji Drone

GERMAN

1. Porsche
2. Bosch Rexroth

MALAYSIA

1. Omron
2. Fanuc

JAPAN

1. Toyota
2. Fanuc

THAILAND

1. BMW



Our Curriculum

Class sizes are small, enabling our girls and boys to be challenged and supported in every aspect of their work. Our innovative and dynamic curriculum allows them to explore the world in which we live, and begin to understand, admire and question it.

The aim of the MITstem's curriculum is to develop intellectual curiosity and foster a love of learning that will last a lifetime.



Our innovative and dynamic curriculum allows them to explore the world in which we live, begin to understand, admire and question it.



Primary Curriculum Key Stages 1 (Years 1-2)

- Subjects:
- English
 - Mathematics
 - Science
 - Malay
 - Mandarin
 - Drama
 - ICT
 - Art

Primary Curriculum Key Stages 2 (Years 3-6)

- Subjects:
- English
 - Mathematics
 - Science
 - Malay
 - Mandarin
 - Drama
 - Art
 - ICT

Secondary Curriculum Key Stages 3 (Years 7-9)

- Subjects:
- English
 - Mathematics
 - Science
 - Malay
 - Mandarin
 - Drama
 - Biology
 - Mechatronics Lab
 - Microsoft IOT
 - Electro Pneumatics
 - History/Geography
 - Robotics
 - PLC / PC Automation
 - Electro Hydraulics
 - Add Mathematics
 - Chemistry
 - 3D Printing/CAD CAM

Secondary Curriculum Key Stages 4 IGCSE (Years 10-11)

- Subjects:
- English
 - Mathematics
 - Physics
 - Malay
 - Mandarin
 - Drama
 - Art
 - Biology
 - Mechatronics Lab
 - Microsoft IOT
 - Electro Pneumatics
 - ICT
 - Robotics
 - PLC / PC Automation
 - Electro Hydraulics
 - Add Mathematics
 - Chemistry
 - 3D Printing/CAD CAM

Cambridge Advanced

16 to 19
years old*

- Cambridge International AS and A Level

Cambridge Secondary 2

14 to 16
years old*

- Cambridge IGCSE
- Cambridge O Level

Cambridge Secondary 1

11 to 14
years old*

- Cambridge Secondary 1
- Cambridge Checkpoint
- Cambridge ICT Starters

Cambridge Primary

5 to 11
years old*

- Cambridge Primary
- Cambridge Primary Checkpoint
- Cambridge ICT Starters

Educational level

Our Benefits



(MITstem International School will be established to be in line with the STEM Initiative in Malaysia Education Blueprint 2013-2025 to prepare students with the skills to meet the science and technology challenges which will ensure that Malaysia has sufficient number of qualified STEM Graduates & IGCSE.)

Measures will be undertaken in STEM Initiative in:

- Raising student interests through new learning approaches and an enhanced curriculum.
- Sharpening skills and abilities of teachers.
- Building public and student awareness.

While sharpening the skills and abilities of teachers, the following must be taken:

- Diagnostic exercise to identify gaps in content knowledge and pedagogical skills amongst the teachers.
- Identify gaps in content knowledge and pedagogical skills.
- Tailor professional development.
- School Improvement Specialist Coaches (SISC+) for English, Mathematics and Science including basic Engineering skills in Development and Technology.

Emphasis will be e-learning video library for students on EduWebTV with Learning Management System (LMS) with the use of ICT:

- Computer enhancement educational games.
- Exploration of STEM beyond the contents covered in the prescribed textbooks.

Strengthening Delivery of STEM Across the Education System by building on the STEM foundations as follows:

- The roll-out of the KSSM (Secondary School Standard Curricula) and revised KSSR (Primary School Standard Curricula).
- From 2019 onwards, the Ministry intends to participate in the Grade 4 Trends in International Mathematics and Science Study (TIMSS) in enhancing to grade 11.
- Development of VLE – teachers share their experiences in teaching the new curriculum, learn from each other and provide feedback to the Ministry.

MITstem INTERNATIONAL SCHOOL will be established in line with STEM Initiative in Malaysia Education Blueprint 2013 – 2025 to prepare students with skills to meet the science and technology challenges.



Certified And Accreditation



 UNIVERSITY of CAMBRIDGE
International Examinations
CAMBRIDGE INTERNATIONAL CENTRE



Learn • Discover • Achieve

Cambridge International Examinations
1 Hills Road, Cambridge, CB1 2EU, UK
t: +44 1223 553554 f: +44 1223 553558
e: info@cie.org.uk www.cie.org.uk

Malaysia Office:
Unit W-8-1, 1st Floor, Subang Square,
Jalan SS 15/4-G, 47500 Subang Jaya,
Selangor, Malaysia
Tel/Fax: (+6) 03 5613 1648
H/P: (+6) 016 2968 942
Email: kimhuat.n@cie.org.uk

Mr Anthony Ng Mun Sun,
Chief Executive Officer,
MIT-STEM International School,
No. 26, Jalan Anggerik Vanilla Y 31/Y,
Kota Kemuning,
40460 Shah Alam, Selangor.

Date: 13 September 2017

Dear Mr Ng,

**Registration of MIT-STEM International School
as a Cambridge International Examinations (CIE) Centre**

On behalf of Cambridge International Examinations (CIE), which is an integral part of the University of Cambridge Local Examinations Syndicate (UCLES), may I convey my sincere thanks to you for submitting your application, dated 12th September 2017, requesting for MIT-STEM International School, mailing address as above, to be registered as a CIE Centre for purposes of conducting the following CIE Programmes, beginning January 2018 and onwards:

1. International General Certificate of Secondary Education (IGCSE), which is equivalent to GCE 'O'-Levels;
2. Cambridge Lower Secondary (CLS) and Cambridge Primary;
3. Cambridge GCE A-Levels; and
4. Any other complementary programmes offered by CIE.

In principle, CIE would like to extend its approval to MIT-STEM International School to become a CIE Registered Centre, subject to fulfilment of the following requirements:

- (a) That a successful Pre-Registration Centre Inspection be conducted at MIT-STEM International School by CIE; and
- (b) That official approval has been obtained from the Ministry of Education and/or other relevant regulating authorities/agencies, local or otherwise, for purposes of conducting the above-stated programmes.

Kindly let us know when you would like the Pre-Registration Centre Inspection to be carried out so that the necessary arrangements could be made to do so.

Once again, thank you for deciding to offer the Cambridge IGCSE, Lower Secondary, Primary and GCE A-Level Programmes at MIT-STEM International School. May I take this opportunity to wish you and the school every success in the implementation of these programmes.

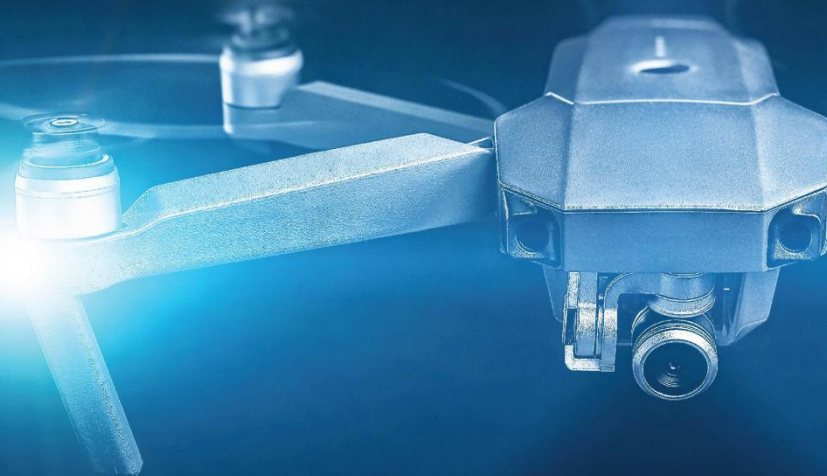
Sincerely,

Ng Kim Huat
(Country Director, Malaysia and Brunei)

We are part of Cambridge Assessment, a department of the University of Cambridge.



How Future World looks like



```
RefreshRates();  
MinLotMarketInfo(Symb,MODE_MINLOT);  
of lots  
// Refresh rates  
// Minimal number
```

