

THIRD COUNTRY TRAINING PROGRAMME GENERAL INFORMATION

Cybersecurity in the Digital Economy Protecting Digital Assets and Ensuring Trust in Digital Interactions



Training Date:
2nd – 13th October, 2025

Closing Date:
1st August, 2025

Training Institution:

**Japan-Malaysia Technical Institute (JMTI),
Plot 59, LPBM 15,
Taman Perindustrian Bukit Minyak, 14100 Simpang Ampat,
Penang, Malaysia.**

PROGRAMME
INFORMATION



APPLICATION
FORM



COURSE DESCRIPTION

Course Background

In today's connected world, cybersecurity plays a key role in supporting the digital economy. This course is designed to provide essential knowledge and practical skills to protect important data, systems, and digital transactions.

Participants will learn about cybersecurity fundamentals, common threats and attacks, and how to reduce risks that can affect businesses and daily operations.

The course also covers key topics such as cryptography, digital signatures, and secure network design—helping participants understand how to build strong and trusted systems that support innovation, protect users, and drive economic growth.

Course Content

The 14-day physical course (including arrival and departure days) **includes:**

- Introduction to Cybersecurity
- Principles of Cyber Security
- Cyber Security Threats, Vulnerabilities, and Attacks
- Cryptography Fundamentals
- Principles of Secure Network Design
- Cybersecurity Domains

Course Objectives

- Gain the ability to recognize and address cybersecurity threats through effective detection, analysis, and prevention strategies.
- Understanding of cybersecurity principles, including the CIA Triad, and implement these principles in various security contexts.
- Learn to design and secure network infrastructures, apply hardening techniques, and use cryptography to protect data integrity and confidentiality
- Develop critical thinking and problem-solving abilities by engaging with hands-on labs and utilizing cybersecurity tools to simulate real-world cybersecurity scenarios

Course Methodologies

- The course will be delivered at JMTI Malaysia in English.
- This course shall include briefings, site visits, lectures and assignments related to Cybersecurity In The Digital Economy: Protecting Digital Assets And Ensuring Trust In Digital Interactions
- All participants must prepare a **Plan of Action** and present it on the last day of the course. Participants are also required to prepare a **Summary Report** which include a summary of lesson learnt throughout the course in Malaysia and how it is applicable to participants' respective countries

TARGET PARTICIPANTS

This course will be relevant to Instructors/Lecturers from Technical & Vocational Education & Training (TVET) institutions, Middle / senior level government officials from government ministries, non-governmental agencies and civil societies in charge of Information and Communication Technology (ICT). Also female participant is highly welcomed for gender equality and women's empowerment.

List of target countries:

- Bangladesh
- Bhutan
- Cambodia
- Indonesia
- Laos
- Nepal
- Philippines
- Sri Lanka
- Timor-Leste
- Vietnam.

APPLICATION PROCEDURE

Applications should be made using the prescribed TCTP forms available through <https://mtcp.kln.gov.my/>

TCTP application forms can also be obtained from the nearest Malaysian Embassy / High Commission in MTCP recipient countries. Submitted application forms must be accompanied by the following documents:

- i. Scanned copy of Passport (all pages and coloured)
- ii. Passport sized photo (3.5cm x 5cm) (White background)
- iii. Medical Report (Please refer the TCTP forms)

All application forms must be duly completed and endorsed by the Ministry of Foreign Affairs of their respective countries and should be submitted only through the diplomatic channel via Malaysian Embassy / High Commission of Malaysia

Successful applicants will be notified via email by JMTI no later than **27th August 2025**.

VISA INFORMATION

All participants must enter Malaysia with Visa With Reference (VWR). Participants for the programme will receive a copy of the approval letter from Japan-Malaysia Technical Institute. Participant are required to obtain the VWR stamping from the nearest Malaysian Embassy / High Commission, (more info at <https://www.kln.gov.my/web/guest/overseas-mission>)

All cost in relation to obtaining visa to enter Malaysia is to be borne by the participants. This includes third country visa fees, courier fees and transportation expenses to obtain visa (VWR).

GENERAL RULES AND REGULATIONS

- To observe the course schedule by punctual attendance;
- To attend/participate actively in all sessions including study visits;
- To follow the travel schedule arranged by the organiser with regard to departure from Malaysia;
- To carry out instructions and abide by conditions as stipulated by the organiser;
- To discontinue the course, should participants fall seriously ill and be considered unable to continue the course;
- To refrain from committing any illegal or immoral acts. Should participants be found in contravention of this requirement, they will be barred from attending the course and will be asked to leave the course with immediate effect;
- To dress appropriately which includes long-sleeved shirts with ties, tailored pants and blazer or uniform for men. Lady participants are required to dress appropriately and modestly;
- Participants must respect the local customs and observe the rules and regulations at the place of accommodation and not to change accommodation designated by the organiser;
- To observe the rules and regulations of the organiser or establishment with which participants are visiting or attached to;
- To remain in Malaysia and complete the whole duration of the programme without any leave of absence;
- Participants who do not comply with the general conditions, regulations and obligations of the TCTP participants would be reported to their respective Embassies or High Commissions as well as to the Head of their respective organisations;
- Participants are fully responsible for their own valuables and belongings while travelling and while in Malaysia. Any losses due to **negligence will not be** compensated by the organisers; and
- Participants will not utilize knowledge and skills acquired in the training for military purposes.

ALLOWANCE AND BENEFITS

Participants will be provided with the following allowances and benefits :

- **Accommodation**
Participants will be accommodated at a hotel / hostel within the vicinity of the training institute. Participants are strictly not allowed to bring any family members during the course.
- **Daily Allowance**
Participants will be provided with a daily allowance based on TCTP regulation. The per diem would only cover the official course duration.
- **Meals**
Breakfast and lunch will be provided except during weekends.
- **Air Fares**
Economy class air travel from the capital city of the participants to and from Malaysia. Tickets will be issued upon confirmation of acceptance.
- **Course Fees**
All course fees charges are borne by the Government of Malaysia and Japan International

MEDICAL INFORMATION

- In case of an emergency, participants are eligible to be admitted to government hospitals/clinics.
- Participant are advised to make their own arrangements to obtain adequate medical insurance coverage for their stay in Malaysia. The cost for the insurance is to be borne by the participants or the government of participating country.

CONTACT INFORMATION

For enquiries, please contact:

Name:

1. Mr. Shaik Mohamed bin. Mohamed Yusoff (ext: 2512)
2. Ms. Suhaila binti Mohd Nor (ext: 2260)
3. Ms. Halimatun bt Ishak (ext: 2680)

Training Institute:

JAPAN-MALAYSIA TECHNICAL INSTITUTE (JMTI)
59, LPBM 15, Taman Perindustrian Bukit Minyak, 14100
Simpang Ampat, Penang, MALAYSIA

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ABOUT MTCP, JICA AND JMTI

About MTCP

The Malaysian Technical Cooperation Programme (MTCP) was officially launched on 7 September 1980 at the Commonwealth Heads of State Meeting in New Delhi, India, to signify Malaysia's commitment to South-South Cooperation, in particular Technical Cooperation among Developing Countries (TCDC).

As the national focal point, the MTCP Secretariat of the Ministry of Foreign Affairs, Malaysia oversees the overall planning and operation of all activities and programmes under the MTCP, including coordination and collaboration with local and international development partners. For more information, visit MTCP Official website: <https://mtcp.kln.gov.my>.

About JICA

JICA was first established in 1974 under the Japanese Government and later merged with the Overseas Economic Cooperation Operations of the Japan Bank for International Cooperation (JBIC) in 2008. Currently, JICA, an incorporated administrative agency, in charge of administering Japan's Official Development Assistance (ODA), is one of the world's largest bilateral aid agencies supporting socioeconomic development in developing countries in different regions of the world.

Mission

JICA, in accordance with the Development Cooperation Charter, will work on human security and quality growth.

Vision

Leading the World with Trust

JICA, with its partners, will take the lead in forging bonds of trust across the world, aspiring for a free, peaceful, and prosperous world where people can hope for a better future and explore their diverse potentials.

For more information, please visit JICA official website:

<https://www.jica.go.jp/english/>

About JMTI

Japan-Malaysia Technical Institute (JMTI) was established in 1997 and is located in Penang, Malaysia. The institute provides skills training to high school graduates and industry workers. Currently, there are four fields of advanced-level skills training being offered namely; computers, electronics, mechatronics and manufacturing.

The main objective for the establishment of JMTI is to produce well-trained industrial technologists with engineering knowledge and high technical skills, especially in the field of engineering. Our graduates are able to be competitive and adapt to the challenges of rapid technological development along with the progress and changes of globalization.

For more information, visit JMTI Website: <https://www.jmti.gov.my/index.php/ms/program/tctp>