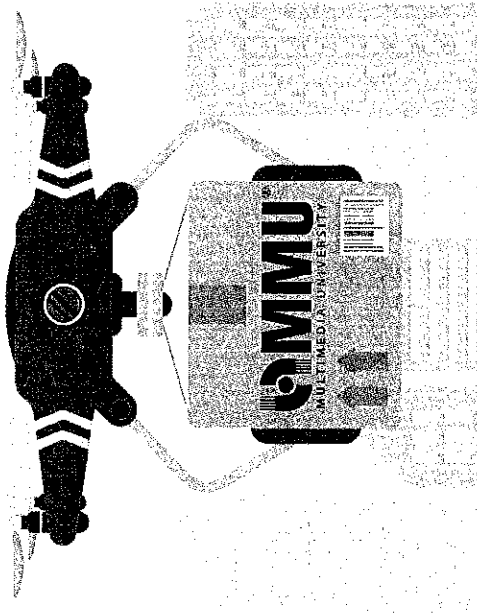




MMU
MULTIMEDIA UNIVERSITY

- Each participant must possess Engineering background.
- Must not be more than 50 years of age.
- This is a technical course and the use of computer is compulsory.
- Each participant is expected to have a digital computer.
- Must ensure that he/she has never participated in any previous MTCP courses organised by Multimedia University or other Malaysian implementing agencies.
- This course will be conducted in English. Therefore, participants are required to have an appropriate level of proficiency in English, written as well as spoken.
- Comply with other general requirements for MTCP.

SPECIFIC CONDITIONS

APPLICATION GUIDELINES

Applications should be made using the prescribed MTCP forms available through https://mtcpcoms.kln.gov.my/mtcpcoms/online/list_course. MTCP application forms can also be obtained from the nearest Malaysian Embassy / High Commission in recipient countries. Submitted application forms must be accompanied by the applicant's

- Copy of Passport (all pages & coloured)
- Passport sized photo (3.5cm x 5cm)
(White background)
- Medical Report

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

Successful candidates will be duly notified by MMU, one (1) month before the commencement of the course.

Incomplete and/or unendorsed forms will not be processed.

GENERAL CONDITION OF PARTICIPATION

Participants will receive support from the Governments of Malaysia including:

Air-Fare

A return flight ticket from the capital city of the recipient country to Kuala Lumpur on economy class is provided for participants.

VISA AND VACCINATION

All participants must enter Malaysia with Visa With Reference (VWR). Participants selected for the programme will receive a copy of the letter of approval from MMU. With the copy of the approval letter, the participant must obtain the VWR stamping from the nearest Malaysian mission. Wherever applicable, participants are advised to arrange on their own, any necessary vaccination prior to travel to Malaysia. Participants from certain countries are required to take a mandatory vaccination for Yellow Fever at least 10 days prior to their departure to Malaysia. Yellow Fever certificate is required to be produced upon landing in Malaysia. Please refer to the MTCP website for further details.

<https://mtcpcoms.kln.gov.my/mtcpcoms/online/applicationGuide>

Accommodation

Participants will be accommodated at nearby hotel (or at the 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 of RM/85.00 that is sufficient to cover daily expenses.

Meals

Meals will be provided throughout the duration of the course.

Dress Code

During lectures, male participants are required to dress in long-sleeved shirts with ties, long pants and lounge suits and female participants should be appropriately dressed in office attire. For formal occasions-lounge suit or national costume are required.

Course Fees

All course fees are borne by the Government of Malaysia

Attire

Participants are to dress in formal or office attire throughout class sessions as well as during official visits to Government Ministries/Agencies.

RULES AND REGULATION

- Participants shall conduct themselves at all times in a manner compatible with their responsibilities as MTCP participants and abide by the laws, rules and regulations as may be stipulated by the host government in respect of this training course.
- During lectures, male participants are required to dress in long-sleeved shirts with ties and long pants.
- Female participants should be appropriately dressed in office attire.
- For formal occasions – lounge suit or national costume are required.

ABOUT MULTIMEDIA UNIVERSITY

In 1996, the Malaysian Government was looking for methods to liberalise higher education in the nation, and to involve the private education sector in the development of this critical sector of human capital building. On October 1996, Telekom Malaysia (TM) was given the distinction by the Ministry of Education to set up the first private University in Malaysia. TM accepted the invitation and Universiti Telekom was established in Melaka. A year later, with the planning of the MSC underway, the government was once again looking for a suitable candidate to construct a university in the heart of the MSC. In March 1997, TM was again honoured when it was given the task to set up this university, to be known as Multimedia University.

Considering that the telecommunications industry was becoming closely linked with developments in ICT, expansion into an education field directly related to ICT is a natural strategic decision. MMU aspires to become a top 100 University in Asia with Global Recognition through Quality Student and Staff Engaged in Innovative Academic Programmes and Research driven by Academic and Commercial Revenue streams.

ABOUT FACULTY OF APPLIED COMMUNICATION (FAC)

The acronym of "FAC" uniquely represents the strength of communication being a salient academic attraction, aptly translated into a faculty for applied communication, a discipline that finds its most advantageous position in a media-driven world where social networking, media creation, computer-mediated communication and digital economy rise to prominence. FAC extends the learning opportunities on campus by incorporating professional internship and practical exposure to give student transformational experiences and

confidence to join the workplace. Our programme is unique as multimedia related subjects and an array of electives,

including foreign languages are integrated into one programme. Our graduates will be multimedia savvy communication strategists who are proficient in a minimum of three languages. FAC student and staff are dedicated to build and change the communication landscape.

ABOUT THE COURSE

In the era of Industry Revolution 4.0 (IR 4.0), Internet of Things (IoT) and Drone Discovery (D) has become a trending technology that everyone should know about. Although IoT may involve technical knowledge and skills, the omnipresent of open sources are available for everybody to learn and tap into. Knowing the problem does not mean an idea or a solution is presented easily. IoT is a relevant aspect of IR 4.0 as it aims to integrate and connect technologies to create "smart factories" that utilise computers to optimise industrial production that can achieve results in an efficient manner. Similar to IoT, Drones are also an emerging technology that is aligned to IR 4.0. Numerous applications and technology will offer a better positioning of Drones in the industry. Drones or formally known as unmanned aerial vehicles (UAVs), are transforming the way people get their jobs done. Drones are extremely useful both as recreational devices and as tools of work (in multitude of sectors and industries) and the related technologies are beginning to be affordable and widely available.

PROGRAMME OBJECTIVES

At the end of this course, the participants will be able to:-

- comprehend the concept of Internet of Things (IoT) aligned to IR 4.0
- comprehend and develop problem solving and critical thinking skills thorough IoT project development

- understand the applications of drones aligned to IR 4.0
- understand the basic of drones, their various parts and aviation law and flying safety
- understand the basic of taking flight photographs and videos, and basic photo and video editing

COURSE CONTENT

The course content will cover on overview of IoT, understanding IoT project development, setting up IoT database, developing relevant app, interfacing IoT database, exploring drones, comprehending drones significant, understanding flying safety tips and regulations, and discovering hands-on drone flying.

TRAINING METHODOLOGY

This is a highly interactive and active training program. Participants will be exposed to the concepts, exchanged ideas, and shared knowledge and experience with fellow participants and facilitators. Participants will also work on IoT project and also will learn and fly drone within the specific flying rules and regulations. Participants are expected to be active and mobile.

Monitoring and Evaluation Method

- Experience sharing and reflections
- People touch and engagement
- Hands-on activities
- Formative assessment throughout the course
- Presentation and feedback

TARGETED PARTICIPANTS

A candidate is eligible for admission only if he/she meets the following requirements:

- Engineers, Educators, Researchers, Designers, R&D Professionals, Product/Innovation/Project Managers who are involved in design and manufacturing sectors, robotics and AI fields and industry 4.0 related divisions.

ABOUT MALAYSIAN TECHNICAL COOPERATION PROGRAMME (MTCP)

The Malaysian Technical Cooperation Programme (MTCP) was initiated at the 1st Commonwealth Heads of Government Regional Meeting (CHOGRM) for Asia Pacific Region held in Sydney on February 1978. It was officially launched on 7th September 1980 at the 2nd CHOGRM in New Delhi, India, to signify Malaysia's commitment to South-South Cooperation, in particular Technical Cooperation among Developing Countries (TCDC).

The MTCP emphasises the development of human resources through the provision of training in various areas which is essential for a country's development. These areas include public administration, good governance, health services, education, sustainable development, agriculture, trade and investment, ICT and banking. As of 31st December 2019, 34,415 participants from 144 recipient countries have benefited from the various programmes offered under the MTCP.

For more information at MTCP website:
https://mtcpcoms.kln.gov.my/mtcpcoms/online/about_mtc

OBJECTIVES OF MTCP

- To share development experience with other countries;
- To strengthen bilateral relations between Malaysia and other developing countries;
- To promote South-South Cooperation (SSC);
- To promote technical cooperation among developing countries (TCDC).

TYPE OF ASSISTANCE

- Short-term specialized courses
- Long-term courses (Scholarships)
- Technical Assistance
- Dispatch of experts

CONTACT DETAILS

For further enquiries, applicants may contact the following MMU Secretariat:

DR. ONG SUE LYN

Email: slong@mmu.edu.my

TEL: +603 8312 5534

MS. SUHAILA ABDULLAH

Email: suhaila.abdullah@mmu.edu.my

TEL: +606 252 3141

CLOSING DATE: 31 MARCH 2020



Internet of Things and Drones

**Discovery
(IoT)**

08 July – 19 July 2020

MULTIMEDIA UNIVERSITY

