

**MTCP
SHORT COURSE
ANNOUNCEMENT
YEAR 2020**

Short Course In
APPLIED ACAROLOGY IN PUBLIC HEALTH
21 SEPTEMBER TO 02 OCTOBER 2020

Application Close By 31 MAY 2020



Organisers



ACAROLOGY UNIT
Infectious Diseases Research Center
Institute for Medical Research
Malaysia



SEAMEO TROPMED MALAYSIA



Who Should Apply

- Researcher or laboratory technician working on ticks and tick-borne diseases or Rickettsiosis
- Researcher or laboratory technician working on chigger mites and scrub typhus
- Entomologist / Scientific Officer intending to work in Acarology research
- Enthusiasts to share experience in Acarology
- Possess skills in molecular biology tools and procedures
- Declared fit for work and travel by a Medical Doctor
- Able to converse in English comfortably
- Age between 26 - 50
- Female applicants are highly encouraged

COURSE OBJECTIVES

Objective 1

To train participants in the theory and practice of various aspects of applied medical acarology in dealing with ticks & mites as potential vectors of disease

Objective 2

To train participants as **RESEARCHERS / TRAINERS / EDUCATORS** when they return to their country or research institutes

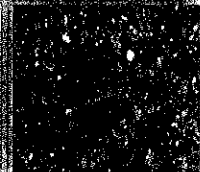
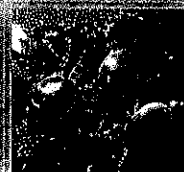
Objective 3

To encourage continuous networking between participants and the IMR in future research projects and educational purposes



PART 1
Introduction to
Acarology

PART 2
General Morphology
Basic Identification of Acari:
Metastigmata, Mesostigmata,
Prostigmata & Astigmata



**Course Content
In
4 PARTS**

PART 3
Diversity and Lifestyles
• Collection & Preservation
• Techniques of Mounting
• Laboratory Colonization
Techniques

PART 4
Impact of Acari on
Public Health
• Tick bites
• Human Otiacariasis,
Scabies
• Vectors of Tick-borne
spotted fever group,
Rickettsioses, Scrub
Typhus



**Teaching Methods fully conducted
in the ENGLISH language:**

Lectures	45%
Acari Identification	15%
Mounting Techniques	15%
Fieldtrip	15%
Detection of pathogen from ticks	10%

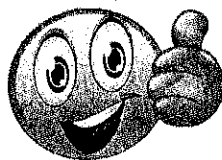
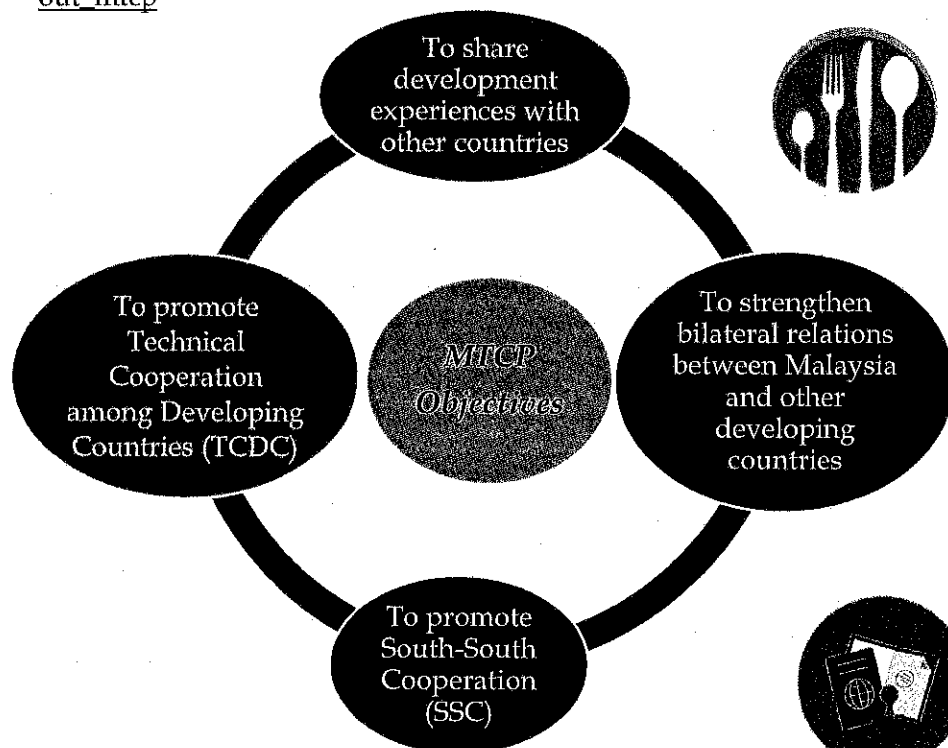


SHORT COURSE OFFER IN MALAYSIA

Malaysian Technical Cooperation Program (MTCP) Ministry of Foreign Affairs Malaysia

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_mtcp



Why You Should Apply

FELLOWSHIP / SCHOLARSHIP

Participants will receive support from the Governments of Malaysia during attendance to the offered Course including:

Course Fees

All course fees are borne by the Government of Malaysia

Air Fares

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

Accommodation

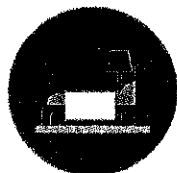
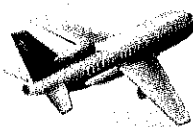
Participants will be accommodated at nearby hotel (or at the hostel within the vicinity of the training institute). Participants are strictly not allowed to bring any family members during the course

Meals

Meals will be provided throughout the duration of the course

Daily Allowance

Participants will be provided with a daily allowance that is sufficient to cover daily expenses, if meals are not provided by the Organiser.



Dressing Code

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

YELLOW FEVER -VACCINATION-

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>

VISA REQUIREMENT

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 the Institute for Medical Research (IMR). With the copy of the approval letter, the participant must obtain the VWR stamping from the nearest Malaysian mission.



About IMR Malaysia



The Institute for Medical Research (IMR) established in 1900, is the research arm of the Ministry of Health, Malaysia. Research programs of the Institute are aligned with the health research priority areas and health needs of the country. The IMR undertakes research to advance scientific knowledge and understanding as well as to provide evidences for informed decision making and formulation of effective preventive and control programs and activities



At some moment while reading through this brochure, you may have other questions regarding the Course. Please email:

Dr Mariana Ahamad *Head, Acarology Unit*
Email: mariana@imr.gov.my

Dr Christina Injan *Research Officer, Acarology Unit*
Email: christinainjan@imr.gov.my

APPLICATION AND ENQUIRIES

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 and 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 THE IMR one (1) month before the commencement of the course.

Incomplete and/or unendorsed forms will not be processed.

SEAMEO-TROPED Malaysia as the SEAMEO TROPED REGIONAL CENTER OF MICROBIOLOGY, PARASITOLOGY &

ENTOMOLOGY established in the Institute for Medical Research in Kuala Lumpur in 1967, continues to conduct research on the prevention and control of diseases and provides specialised training, diagnostic, consultative and advisory services. It promotes health management as a collective responsibility of government, private sector, non-government organisations, community and individuals.

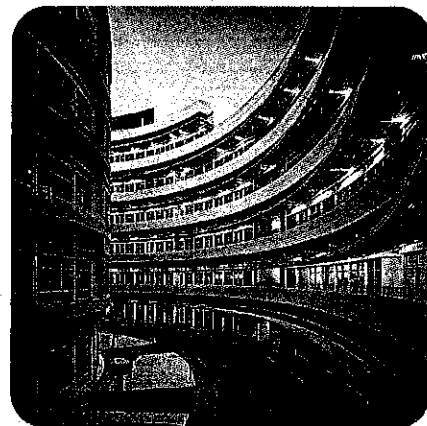
As a SEAMEO Member, we offer a 5-months Course, each, leading to:

- 1) Diploma in Applied Parasitology and Entomology (DAPE), or
- 2) Diploma in Medical Microbiology (DMM)

In fact, the Short Course in Applied Acarology in Public Health is part of taught modules in DAPE Course which include a wider range of topics covering applied parasitology, entomology and research projects. Further information on DAPE Course can be accessed via <https://www.imr.gov.my/training/dape> or email to seameo@imr.gov.my

COURSE VENUE

Institute for Medical Research (IMR), NIH COMPLEX, No. 1, Jln Setia Murni U13/52, Seksyen U13, Bandar Setia Alam, 40170 SHAH ALAM, MALAYSIA





- 1) To share development experience with other countries;
- 2) To strengthen bilateral relations between Malaysia and other developing countries;
- 3) To promote South-South Cooperation (SSC); and
- 4) To promote Technical Cooperation among Developing Countries (TCDC).



ABOUT SIRIM

SIRIM is a premier industrial research and technology organisation in Malaysia, wholly owned by the Ministry of Finance Incorporated. With over forty years of experience and expertise, SIRIM is mandated as the machinery for research and technology development, and the national champion of quality. SIRIM has always played a major role in the development of the country's private sector. With its unique advantages in research and technology innovation, industry standards and quality, SIRIM offers specialised solutions to serve the needs of all industry sectors, making it the ideal technology partner for SMEs. By tapping into our expertise and knowledge base, we focus on developing new technologies and improvements in the manufacturing, technology and services sector enable business and enhance lives. Together with our industry partners, SIRIM has enabled Malaysian products and services achieve global recognition in quality and innovativeness worldwide.

COURSE BACKGROUND

The Internet of Things (IoT) is an interactivity between human and things to exchange information and knowledge for new value creation. With IoT, things can receive more data, we can control stuff, make things automated, make work faster and easy. However, in agriculture, the IoT has brought the greatest impact and has been a driving force behind increased agricultural production at a lower cost. By using various smart agriculture gadgets, farmers have gained better control over the process of raising livestock and growing crops, making it more predictable and improving its efficiency.

COURSE OBJECTIVE

The objective of the program:

1. To get the participants familiarize themselves with IoT technology by developing a system that can monitor temperature, humidity and control heater/fan/lighting
2. To give solutions related to common problems in IoT technology (Example Device power consumption, protocol used for transferring data to internet)
3. To share knowledge in IoT technology deployment in agriculture

HOW TO APPLY

Application should be made using the prescribed MTCP forms available at: https://mtcpcoms.kln.gov.my/mtcpcoms/online/list_course

Submitted application form must be accompanied by the applicant's:

1. Copy of Passport (Every pages of passport)
2. Passport sized colored photo (3.5cm x 5 cm)
3. Full Medical Report

Please make sure that all required information given is completed and clearly stated.

1. Name as written in passport.
2. Your mobile no. as well as office/home telephone number.
3. Valid Email address
4. The latest of qualification.
5. Details of employment.
6. Reason to attend the course
7. TOEFL/IELTS certificates or similarly recognized English Languages qualifications.
8. Reason to attend the course.
9. Certificate of Medical Examination.
10. Letter of Indemnity signed by applicant and witness.
11. Endorsement from the applicant's Ministry of Foreign Affairs or the National Focal Point for Technical Assistance of your country.

- Once completed, please send the application form to the Malaysian Embassy / High Commission in your country for verification and interview.
- Applicants will be notified of their acceptance to the course either through SIRIM Berhad.
- Incomplete and/or unendorsed forms will not be processed

WHO SHOULD PARTICIPATE?

- The participants can be from any background but enthusiast to explore and learn about the IoT applications particularly in agriculture field (example: IoT for green house, solar dryer dome, stingless bee farming).
- Participants must be under 50 years of age.

TERM & CONDITION

Visa and Vaccination

Course participants must comply with the Visa with Reference (VDR) application procedure to enter Malaysia. They must possess a valid passport or other internationally recognised travel document and visa, if necessary, valid for at least 6 months beyond the period of stay in Malaysia.

SIRIM Berhad will apply for VDR at the Department of Immigration, Malaysia and a copy of the VDR Approval Letter will be forwarded to the successful participants, subsequently with the copy of the approval letter, the participants must collect the VDR from the nearest Malaysian Embassy/High Commission.

Participants from some 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 for countries as listed at the link below:

<https://www.imi.gov.my/index.php/en/main-services/visa/visa-requirement-by-country.html>

Course Fees

All course fees are borne by the Government of Malaysia.

Accommodation and Meals

Accommodation and food are provided. Participants are not allowed to change any arrangement done by the respective training institution.

Air Fares

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

Medical Treatment

Medical treatments are provided at government hospitals/clinics only and the expenses will be borne by the Government of Malaysia under the MTCP. In case of an emergency, participants are eligible to be admitted to government hospitals/clinics. Dental treatments are restricted to extraction and filling only.

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.

FURTHER ENQUIRIES:

Coordinator of MTCP

SIRIM Berhad - Managed by SIRIM STS Sdn Bhd
1st Floor Building 2, SIRIM Complex
1, Persiaran Dato Menteri,
40700 Shah Alam, Selangor, MALAYSIA
Tel: (603) 5544 6225 / (603) 5544 6351
Fax: (603) 5544 6774
Email: mtcp@sirim.my
www.sirimsts.my
<http://mtcp.kln.gov.my>

Closing Date: 15 March 2020