



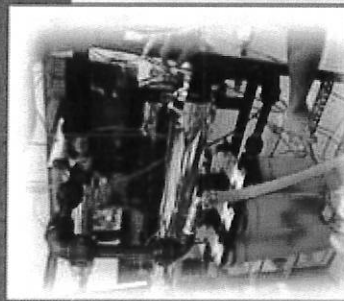
MALAYSIAN TECHNICAL COOPERATION PROGRAM (MTCP) 2019

WATER FILTRATION SYSTEM FOR SME F&B INDUSTRIES AND DOMESTIC APPLICATIONS

7-13 JULY 2019

VENUE:

SIRIM Berhad (Kedah)
and
SIRIM Berhad (Penang)



FURTHER ENQUIRIES

Course Coordinator of MTCP

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Closing Date: 1 May 2019

THE MALAYSIAN TECHNICAL COOPERATION PROGRAM (MTCP)

The Malaysian Technical Cooperation Programme (MTCP) was first initiated at the First Commonwealth Heads of Government Regional Meeting (CHOGRM) for Asia Pacific Region in Sydney in February 1978. It was officially launched on 7 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).

In line with the spirit of South-South Cooperation, Malaysia through the MTCP shares its development experiences and expertise with other developing countries. The MTCP was first formulated based on the belief that the development of a country depends on the quality of its human resources. The programme forms part of the commitment of the Malaysian Government towards the promotion of technical cooperation among developing countries, strengthening of regional and sub-regional cooperation, as well as nurturing collective self-reliance among developing countries.

The MTCP emphasises the development of human resources through the provision of training in various areas which are essential for a country's development such as public administration, good governance, health services, education, sustainable development, agriculture, poverty alleviation, investment promotion, ICT and banking. Since its inception in 1980, more than 33,000 participants from 144 recipient countries have benefited from the various programmes offered under the MTCP. More information at MTCP website: www.mtcp.kln.gov.my

OBJECTIVES of MTCP

1. To share development experience with other countries
2. To strengthen bilateral relations between Malaysia and other developing countries
3. To promote the South-South Cooperation (SSC)
4. To promote the technical cooperation among developing countries

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 sectors to enable businesses and enhance lives. Together with our industry partners, SIRIM has enabled Malaysian products and services achieve due recognition in quality and innovativeness worldwide.

COURSE METHODOLOGY

- Participants will be exposed to:
- Technical presentation / Theory classes
 - Practical sessions / hands-on training
 - Industrial visit to Malaysian Small Medium Enterprise (SME) Food and Beverage Industries

The training program will cover:

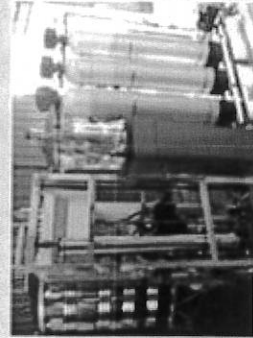
- Introduction to Water Filtration System
- Fabrication of Water Filtration Components
- Tube Well System
- Characterisation of Water Quality
- Water Filtration Application & Prototype

COURSE OBJECTIVES

1. To develop skill and knowledge in Water Filtration System
2. To develop knowledge in Tube Well System and Exploration
3. To develop knowledge in Water Quality for F&B industries and domestic application

BACKGROUND

Clean water is a key element in all life processes of the human body. Unfortunately, today's drinking water is no longer safe for intake due to industrialization and environmental pollution. We have reached to a point that almost all sources of water regardless of whether it comes from wells, lakes, rivers, municipal water supply, and even glaciers, contain some level of contamination. While many contaminants are found at trace levels which may not be enough to cause immediate discomforts or sicknesses, it is proven that even low-level exposure to many common contaminants will, over time, cause severe illness including liver damage, cancer, and other serious ailments. Even the so-called safe treated municipal water has toxic contents such as chlorine and fluoride, which are known to have significant adverse effects on the human body. Therefore, a fully functional water filtration system that able to purify and remove various contaminants is highly needed.



Water Filtration System is a crucial system required in F&B industries and domestic applications, especially for areas without or far away from soft and purified water supply. Some area may only have water suitable for domestic application, i.e. washing, bathing and cleaning purposes. In Malaysia, most of SME F&B industries require not only clean water but also microorganism removal. Therefore nano-filtration system that can remove submicron particles and microorganisms will be introduced. This will increase the quality and shelf-life of the food and beverages products.

THE BENEFITS OF THIS COURSE TO PARTICIPANTS

- Learn and build knowledge on Water Filtration System from SIRIM's experts and its affiliation
- Opportunities to exchange knowledge and ideas on Water Filtration System between the participants and the organizer (some participants may already have some pre-acquired knowledge on water filtration system)
- Opportunities to assemble and commissioning of water filtration system by themselves through hands-on training session at SIRIM Kulim
- Opportunities to explore and comprehend the detail operation of the actual water filtration system being installed and used in Malaysian SME F&B industries

WHO SHOULD PARTICIPATE

Senior officers / officer / scientist / engineer in the area of material / mechanical / manufacturing engineering with background from government agencies, research and technology organizations, universities, etc. from the developing countries.

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:

- Copy of Passport
- Passport size colored photo (3.5cm x 5 cm)
- Medical Report

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

Name as written in passport.

1. Your mobile no. as well as office/home telephone number.
2. The latest of qualification.
3. Details of employment.
4. Reason to attend the course
5. TOEFL/IELTS certificates or similarly recognized English Languages qualifications.
6. Reason to attend the course.
7. Certificate of Medical Examination.
8. Letter of Indemnity signed by applicant and witness.
9. 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 or Malaysian Focal Point in your country or neighboring country for verification and interview.

Applicants will be notified of their acceptance to the course either through the Malaysian Embassy or SIRIM Berhad.

Incomplete and/or unendorsed forms will not be processed.

TERMS AND CONDITIONS

Visa and Vaccination

All participants are required to enter Malaysia with Visa with Reference (VDR). Once the approval is obtained, the training institutions will send a copy of letter of approval to the participants. Subsequently, with the copy of the approval, the participants may get the VDR from the nearest Malaysian Missions. Wherever applicable, participants are advised to arrange for vaccination on their own prior to travel to Malaysia.

Expenditures on all visa-related fees, airport taxi/airport user's charge, transit insurance, excess luggage, travel tax, transit fees, domestic passenger terminal fees, phone charges, private purchases, etc. are borne by the recipients. This also applies for vaccination before travel to Malaysia.

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

Course Fee

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

Candidates must be certified that he/she is medically and physically fit to participate in this program. In the case of emergencies and in the need of medical treatment, the medical expenses in a government hospital will be borne by the Government of Malaysia. In case of admission in government hospitals, participants will be eligible for first class wards (two bedded or more). However, in private clinic or Medical Centre the medical expenses are on participant's own liability.

OTHER INFORMATION

Participants shall conduct themselves at all times in a manner compatible with their responsibilities as MTCP scholarship holders and abide by the laws, rules and regulations of SIRIM Berhad.

This scholarship cannot be held concurrently with any other scholarship awards. Participants shall follow the program approved for them. Request for change of program will not be entertained. Participants should fully participate in all activities related to the program.

Participants are NOT allowed to participate in any political and/or commercial activities in any capacity whatsoever. Participants shall not take up paid employment during the tenure of their scholarship or serve as the staff of their Diplomatic Missions in Malaysia.

Participants are NOT allowed to bring along their spouses or families for the duration of the course. Participants are NOT allowed to leave Malaysia during the course. Participants who are found to be medically unfit during the course of the program will be required to return to their country. Participants are NOT allowed to bring, consume or distribute liquor / alcoholic, drugs or human to Malaysia.

Participants are NOT allowed to perform public naked, hugging and kissing between male and female, lap dancing or any erotic actions, sexual harassment and prostitution. Participants are NOT allowed to perform or participate in any dangerous and / or illegal activities. Participants are NOT allowed to plan for own vacation or going to other destinations without training institution's approval.

Manners

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.

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.

Participants shall abide by the terms and conditions of the MTCP.

TERMINATION

The award may be terminated at any time due to unsatisfactory conduct, breach of the conditions of the award, failure to make satisfactory progress or as deemed necessary by SIRIM Berhad with the approval of the MTCP Secretariat.

