

# INTERNATIONAL TRAINING COURSE ON PUMP APPLICATION FOR SEWAGE & DRAINAGE SYSTEM

27 AUGUST – 03 SEPTEMBER 2025

COLLABORATED BY EBARA HATAKEYAMA MEMORIAL FUND  
(EBARA CORPORATION, JAPAN)  
EBARA (THAILAND) LIMITED  
AIT EXTENSION

## RATIONALE

Along with development related to human life, pumping equipment often play indispensable roles in various infrastructures and industries.

In order to maintain the sustainable human life with less environmental impact, it is indispensable to apply modernized turbo pump technologies with the appropriate knowledge about the applications and products.

In the field of various industries and infrastructures, various kinds of pumps are utilized for transferring various liquids. It is beneficial to acquire the technologies of the fundamentals and applications of pumps.

## TOPICS COVERED

1. Fundamental of Pumps
2. Pump Characteristics & Typical Pump Type
3. Pump requirement & Pump performance Curve
4. Determination of Pump Operation Range
5. Cavitation
6. Suction Sump and Discharge Tank
7. Typical pump layout with valve and pipe
8. Typical structure of various pump
9. Introduction of Various sewage and drainage pump system
10. Installation process
11. Site visit

## OBJECTIVES

The seminar is intended to transfer the knowledge of fundamental pump application engineering and products for sewage and drainage system.

In view of more useful knowledge in practical works, the program consists site visits also.

## TARGET PARTICIPANTS

A total number of approximately 40 will be invited from government agencies and public sectors, industrial sectors, consulting firms and institutions related to pump engineering.

To participate in this course, the applicant should take into account his/her academic qualifications, professional experience and likely benefit of the course to the applicant and affiliated organization. Proficiency in English language is essential.

Limited numbers of scholarships from the EBARA Hatakeyama Memorial Fund which covers tuition fee and accommodation for foreigners will be offered to qualified applicants from **Bangladesh, Cambodia, Lao PDR, Myanmar, Philippines, Sri Lanka, Nepal, Indonesia and Vietnam**. The International/Domestic travel to and from Bangkok and per diem shall be borne by each applicant.

Applicants who participate for the first time will take precedence if applicant exceeds capacity.

## CONTACT US:

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## COURSE METHODOLOGY

A series of presentations will be given in English using an LCD projector. A set of text materials in English is available for each participant.

## RESOURCE PERSONS

Lecturers will be drawn from expert resources of EBARA Corporation, a representative engineering firm and manufacturer in Japan specializing in fluid machinery and pumping systems.

Lectures and demonstrations will be presented by the human resources and facility of EBARA (Thailand) Limited.

## APPLICATION





The potential applicant(s) shall access the following QR code or URL, and fulfill and transmit the answers to the questioners in the application form.

The further information for the invitation to the seminar will be sent to the successful applicants.

<https://forms.gle/R1pWPo9jNvcqig389>



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**REGISTER NOW**



## EBARA Hatakeyama Memorial Fund (EHMF)

The **EBARA Hatakeyama Memorial Fund** was founded in 1989 by EBARA Corporation, Japan, in commemoration of the late president.

EBARA Corporation is a representative engineering firm and manufacturer in Japan specializing in fluid machinery. Its aim is to promote voluntary activities for international cooperation in Southeast Asian countries and other countries on non-commercial basis.

The activities are formulated to meet with particular regional needs in ways that enhance capability of human resources through technology transfer and assist development of appropriate technologies.

Please review the introduction of the activities in [our Home Page](#).

(<https://www.ebara.com/globalen/sustainability/social-contributions/fund/>)

## EBARA CORPORATION

EBARA Corporation, being established in 1912 as the first manufacturing company of centrifugal pumps in Japan, has long been known as a world leader in engineering and manufacture of fluid machinery and related systems incorporating these products.

Please review the introduction of the company in [our Home Page](#) (<https://www.ebara.com/en/>) and [Corporate Movie 2023](#) (<https://www.youtube.com/watch?v=klqwBIVSCgU>)

The expected application period of the seminar will be "From 23 June (or earlier) to 12 July 2025".

