



◆ AIT - EBARA INTERNATIONAL TRAINING COURSE ON

# PUMP APPLICATION AND PRODUCTS

 25 September - 2 October 2024  
 Hanoi, Vietnam

## 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. Assembling and disassembling process of pump
10. Detail of Pump performance testing
11. Installation process
12. Site visit



## OBJECTIVES:

- The seminar is intended to transfer the knowledge of fundamental application engineering and products.
- In view of more useful knowledge in practical works, the program consists of lectures, demonstrations and site visits.



**REGISTER NOW**

## LAST APPLICATION BY:

\* 31 July 2024 | 4.00 pm (Japan Time)

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## 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, Indonesia, Lao PDR, Myanmar, Nepal, Philippines, Sri Lanka, Thailand, and Vietnam.**
- Applicants who participate for the first time will take precedence if applicant exceeds capacity.

## COURSE METHODOLOGY:

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

## RESOURCE PERSONS:

- Lecturers will be drawn from expert resources of EBARA Corporation, a representative engineering firm and manufacture in Japan specializing in fluid machinery and pumping systems.
- Lectures and demonstrations will be presented by the human resources and facility of Ebara Vitenam Pump Company Limited.



## 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.