



**AIT-EBARA Training Course in 2017**  
ON  
**Pump Technology for Waterworks**  
**- Essentials and Applications of Pump -**  
**24 August - 30 August 2017**

**SUMMARY**

Along with regional development related to water resources, pumping works often play indispensable roles in various infrastructures ranging from farmland irrigation, municipal water supply, urban drainage to sewage disposal, etc. For successful implementation of such pumping projects, it is indispensable to apply modern turbo pump technologies and to provide appropriate planning and design based on sound engineering practices for optimum utilization of resources.

In the field of waterworks, various kinds of pump are utilized for pump facility such as intake, transfer and distribution pump station. It is beneficial to acquire the fundamental technology and applications of pump.

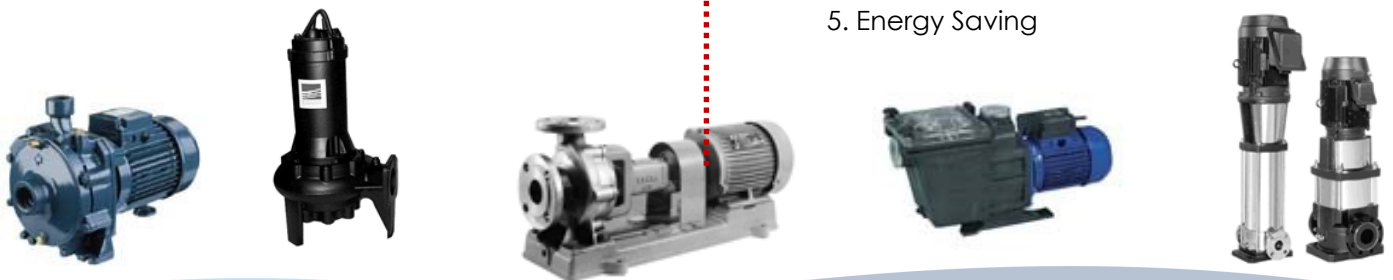
**OBJECTIVES**

The Seminar is intended to inform fundamental approach to planning and design of pumping facilities. In view of more useful knowledge in practical works. Applications of pumping equipment for intake and transfer pump station including operation methods and water hammer phenomena are lectured.

Site travel to water pump stations is planned during the seminar.

**TOPICS COVERED**

1. Application for Waterworks
2. Essential of Pump Technology
3. Operation & Control
4. Water Hammer Phenomena
5. Energy Saving



## **COURSE METHODOLOGY**

The training course comprises of lectures in English.

## **RESOURCE PERSONS**

The lecturers are drawn from expert resources of EBARA Corporation, Japan, specializing in engineering and manufacture of fluid machinery and Faculty of the Asian Institute of Technology.

## **DATES AND VENUE**

24 August to 30 August 2017 at Ambassador Hotel Bangkok

## **EBARA Hatakeyama Memorial Fund**

The EBARA Hatakeyama Memorial Fund was founded in 1989 in commemoration of the late president by EBARA Corporation, 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 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 to assist development of appropriate technologies.

## **CONTACT US :**

### **Ms. Worawan Sumroetrum**

Senior Program Officer  
PSCB, AIT Extension  
P.O. Box 4 Klong Luang  
Pathumthani 12120  
Thailand

Tel: **+66 2 524 5237**  
Fax: **+66 2 524 6332**  
Mobile: **+66 8 1801 8575**  
Email: **worawan@ait.asia**

## **PARTICIPANTS**

A total number of 30 will be invited from government agencies and public 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, India, Lao PDR, Myanmar, Philippines, Sri Lanka, Nepali, Thailand and Vietnam**. The International/Domestic travel to and from Bangkok and per diem shall be born by each applicant.

The scholarships will be awarded to nominated trainees selected by the Steering Committee consisting of implementing bodies. In the event that a nominee is accepted for the scholarship, he/she will be notified accordingly.

*Organized by*

**Asian Institute of Technology (AIT)**

*Implemented by*

**EBARA Hatakeyama Memorial Fund (EHMF)**

