



Seminar on

# Kaizen Activity with IoT Technology -Energy Saving through Productivity Improvement-



Organized by: The Association for Overseas Technical Cooperation and Sustainable Partnerships (AOTS)

In collaboration with the Philippine Cultural and Technical Association of Returned Overseas Scholars (PHILCULTAROS)

The Association for Overseas Technical Cooperation and Sustainable Partnerships (AOTS) is providing training opportunities for foreign engineers and managers in the developing countries to promote technical cooperation by dispatching Japanese experts overseas. This Japanese-government subsidized seminar will be conducted for managers or supervisors in Philippine manufacturing companies by AOTS, in cooperation with PHILCULTAROS

## Outline

This program aims at taking a hint of how to apply IoT technology effectively to our own work place in order to enhance the productivity and developing the ability for promoting and entrenching Kaizen activities in practical manners. It will turn out to be energy saving as well. In this program, participants will learn the way of applying the knowledge by lectures, exercises and discussions under the guidance of Japanese lecturers with plenty of experience and expertise.

## Date & Venue

### 1. MANILA

Venue : Crown Regency Hotel-Makati (1026 Antonio Arnaiz Ave, Village, Makati, 1223 Metro Manila)  
Tel: +63 2 8813 4441

Date : 5<sup>th</sup>(Thu.) & 6<sup>th</sup>(Fri.) Mach, 2020

Time : 9:30-16:30 \*The registration will start at 8:30 on 5th Mar.

### 2. CEBU

Venue : Maayo Hotel (168 Plaridel St, Mandaue City, 6014 Cebu) Tel: +63 32 517 0200

Date : 9<sup>th</sup>(Mon.) & 10<sup>th</sup>(Tue.) Mach, 2020

Time : 9:30-16:30\*The registration will start at 8:30 on 9th Mar.

## Lecturer

### Mr. Ryuji Kurokawa

(COO, i Smart Technologies Co., Ltd.)

### Mr. Mitsuaki Ebara,

(G.M. Manufacturing Planning Sales Dep. WingArc1st Inc.)

We first thought of introducing commercially available IoT systems to satisfy our principle of assigning people with value-added tasks. However, in order to avoid problems that might arise, we decided to internally develop user friendly system called "iXacs" under top management leadership. The "iXacs" system has brought a 43 percent increase in the productivity of 100 manufacturing lines of Asahi Tekko Co., Ltd. We support SME's productivity improvement mainly in Japan and Thailand by offering services related to IoT introduction and Kaizen consultation.

## Language

English (Translated from Japanese)

## Fee

**PHP 5,000 (tax exclusive)**

(including textbooks and lunch for 2 days)

## Application

Please email the application form to [shouhei-au@aots.jp](mailto:shouhei-au@aots.jp) (Overseas Cooperation Group, AOTS) by 24 February 2020.

## Contact Person in the Philippine

### 1. MANILA

#### PHILCULTAROS

Email: [philculturatos.secretary@gmail.com](mailto:philculturatos.secretary@gmail.com)

TEL : +63-2-9175209869

Cynthia Reyes (Ms.), Secretary, PHILCULTAROS

### 2. CEBU

#### VAAS

Email: [mercadobn@gmail.com](mailto:mercadobn@gmail.com)

TEL : +63 32 3461611 / +63 32 3440899

DR. Bonifacio N. Mercado JR. (Mr.), VP Internal, VAAS

## Requirements

Participants should be working for companies in the automobile, industrial machinery and electrical machinery fields (\*\*three businesses) or companies supplying to the companies in the three businesses in the Philippine and should be controlling or in charge of manufacturing lines of products in the three businesses or products aimed at the three businesses.

\*\*The businesses cover: (1) Automobile field (automobiles, automobile parts, etc.) (2) Industrial machinery field (machine tools, machinery for production and business use, etc.) (3) Electric machine field (heavy electrical machinery, electronics and information communication equipment, precision equipment, home appliances, etc.)

[Basic Requirements for Participants]

In order to participate in this seminar, the following conditions must be satisfied, in addition to the work experience and position requirements specified for this program.

- Participants should live and work in the country where the program will be implemented. Those with Japanese nationality are not eligible.
- Participants should belong to private corporations.
- Participants should be between 20 and 60 years of age.
- Participants should have enough English ability to be able to understand the program content.
- Participants should not be armed forces personnel.

\* Participants should bring their own smartphones to be used during the seminar.

## Schedule (Tentative)

Date	AM	PM
5 <sup>th</sup> Mar. (Thu.)	Opening Ceremony (9:00-9:30) <Lecture> (9:30-12:30) Outline of IoT <ul style="list-style-type: none"> <li>• Why Asahi Tekko decided to implement IoT?</li> <li>• Creative use and better operation of management</li> <li>• How to use the data</li> </ul>	<Lecture> (13:30-16:30) Case Introduction <ul style="list-style-type: none"> <li>• What is iXacs? (features, viewing and operational methods)</li> <li>• What is Motion Board?</li> <li>• Class to simulate mock operations using toys</li> </ul>
6 <sup>th</sup> Mar. (Fri)	<Exercise> (9:30-12:30) Class to simulate mock operations <ul style="list-style-type: none"> <li>• Kaizen experience with the use of IoT toys used at iSTC</li> </ul>	<Presentation> (13:30-16:30) Group Work on Kaizen Activity Presentation/ Overall comments Closing Ceremony (17:00-17:30)

\*Certificate of completion will be awarded to those who participate in all the schedule for the training and who completed all the assignments.

### Application Deadline : 24<sup>th</sup> Feb. (Mon.) 2020

As only a limited number of people can be admitted, early application is highly recommended. We may limit the number of participants from the same company if we receive more applicants than the maximum number of participants. We will inform you if your application has been accepted or not by 28<sup>th</sup> Feb. (Tue.) 2020.