

## **Virtual Visiting Professor Project**

### **1. Teacher coordinator details**

1.1. Name-surname of the coordinator

**Dr. Issara Chanakaewsomboon**

1.2. Teacher coordinator affiliated with

Faculty of Environmental Management, Prince of Songkla University (PSU), Thailand.

### **2. Details of internationally recognized foreign experts**

2.1. Name-surname of foreign expert:

**Dr. Cheng Jack Kie**

2.2. Academic Position (Associate Professor or Professor):

**Associate Professor**

2.3. Affiliated with

**Faculty of Industrial Management, Universiti Malaysia Pahang**

2.4. Email:

**jackkie@ump.edu.my**

2.5. Curriculum Vitae (Enclosure 1)

**As Attached**

2.6. Invitation letter and acceptance (Enclosure 2)

### **3. Operating model**

3.1. **Special Lecture Topics** Academic Activities and/or research topic to be consulted

**Special Lecture Topics on “Principal of sustainable industrial management”**

3.2. **Special lecture plans in the course** Academic Activities Plan and/or meeting plans in the Research group meeting

3.2.1. Date, time, venue, and schedule

- On November 18, 2021, 10.00 a.m.– 3.00 p.m. (Zoom online meeting, the time of Thailand) at the Sustainable Innovation Center, Faculty of Environmental Management, Prince of Songkla University, Thailand.

### Schedule Special Lecture Topics on “Principal of sustainable industrial management”

Date: November 18, 2021, 10.00 a.m. – 3.00 p.m. (According to the time of Thailand)

<b>Date:</b> <b>November 18, 2021</b>	<b>Operating details</b>
10.00 – 12.00 a.m.	<b>Introduction to Simulation</b> <ul style="list-style-type: none"> <li>- Mental Model</li> <li>- What is Simulation</li> <li>- Types of Simulation</li> <li>- When to use Simulation</li> </ul>
1.00 - 3.00 p.m.	<b>Hands on to Arena Simulation Software</b> <ul style="list-style-type: none"> <li>- Example of Simulation application in Industrial Management</li> <li>- Introduction to Arena Simulation Software (the audience need to download the software beforehand at <a href="https://www.rockwellautomation.com/en-us/products/software/arena-simulation/buying-options/download.html">https://www.rockwellautomation.com/en-us/products/software/arena-simulation/buying-options/download.html</a>)</li> </ul>

#### 3.2.2. Number of hours

- 4 hours

#### 3.2.3. Expected concrete results

- 1) Students gain experience of studying, researching, and working with foreign teachers.
- 2) Students develop academic writing for publication in high-quality journals, language skills and competence in a global society.

4.3 Students develop partnerships with international experts to build knowledge and innovation.

#### 3.3. Amount of participants

- Master's degree and doctoral degree students in Environmental Management major and Sustainable Energy Management major (International Program) PSU 10 peoples.

#### 3.4. Cost estimate

Scholarship to promote the organization of Virtual Visiting Professor under the Reinventing University project (Fiscal Year 2021)

	<b>Expense item</b>	<b>Unit</b>	<b>Amount/ person (Baht)</b>	<b>Number of people</b>	<b>Included (Baht)</b>	<b>note</b>
1	foreign expert compensation	per hour	5,000	1	20,000 (approx. 600 USD)	4 hours each time, (including international money transfer fees)