

Virtual Visiting Professor Project

1. Teacher coordinator details

1.1. Name-surname of the coordinator

Dr. Issara Chanakaewsomboon

1.2. Teacher coordinator Affiliated with.....

The Sustainable Innovation Center, Faculty of Environmental Management, PSU

2. Details of internationally recognized foreign experts

2.1. Name-surname of foreign expert:

Md. Maksudur Rahman Khan

2.2. Academic Position (Associate Professor or Professor): **Professor**

2.3. Affiliated with

Department of Chemical Engineering, Universiti Malaysia Pahang, Malaysia

2.4. Email:

mrkhan@ump.edu.my, mrkhancep@yahoo.com

2.5. Curriculum Vitae (Enclosure 1)

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 “Biomethane production”

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 December 17, 2021, 10.00 a.m.– 3.00 p.m. (Online Meeting, time of Thailand)

at Sustainable Innovation Center, Faculty of Environmental Management, PSU, Thailand.

Schedule Special Lecture Topics on “Biomethane production”

Date: December 17, 2021, 10.00 a.m.– 3.00 p.m. (According to the time of Thailand)

Date: December 17, 2021	Operating details
10.00 – 12.00 a.m.	Biomethane production - Microbiology of Biomethane production - Biomass Sources for Biomethane Generation
1.00 - 3.00 p.m.	Biomethane production - Production Systems (Reactor Conditions, Process Design)

3.2.2. Number of hours

- 4 hours

3.2.3. Expected concrete results

- 1) Students gain experience in 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.
- 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 persons.

3.4. Cost estimate

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

	expense item	unit	Amount/person (Baht)	number of people	Included (Baht)	note
1	foreign expert compensation	per hour	5,000	1	20,000	4 hours each time, (including international money transfer fees)