

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:

Associate Professor Dr. Azrina Abd Aziz

2.2. Academic Position: Associate Professor ~~or Professor~~

2.3. Affiliated with

Faculty of Civil Engineering Technology, Universiti Malaysia Pahang, Malaysia

2.4. Email: azrinaaziz@ump.edu.my

2.5. Curriculum Vitae (Enclosure 1) As per 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 “Principal of Biofuel Technology”

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 25, 2021, 10.00 a.m.– 3.00 p.m. (Online Meeting, time of Thailand)

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

Schedule Special Lecture Topics on “Principal of Biofuel Technology”

Date: November 25, 2021, 0.00 a.m.– 3.00 p.m. (According to the time of Thailand)

Date: November 25, 2021	Operating details
10.00 – 12.00 a.m.	Principal of Biofuel Technology <ul style="list-style-type: none">- Review Principal of Biofuel Technology- Development of biofuels: Biochemical conversion technologies, Biological conversion technologies, Thermochemical conversion technologies- Potential of biomass especially in agricultural and livestock residues: Plant Oils and Animal Fats, Starch Feedstocks, Lignocellulose Feedstocks, Sugar Feedstocks
1.00 - 3.00 p.m.	Principal of Biofuel Technology <ul style="list-style-type: none">- Efficiency of Biofuels- Biofuel Emissions- Consideration of Co-products

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 at least 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)