



Faculty of Agro-Industry, Prince of Songkla University

Presents the membrane technology course:

“Membrane Technology as an Innovative and Clean Technology in Food, Rubber & Palm Oil Mill Industries”

Organized by

Agro-industrial Development Center for Export (ADCET),
Faculty of agro-industry, Prince of Songkla University (PSU)

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Course Director:

Assoc. Prof. Dr. Wirote Youravong

Instructors:

- **Assoc. Prof. Dr. Wirote Youravong**
*Membrane Science and Technology Research Center
& Department of Food Technology, Faculty of Agro-industry
Prince of Songkla University, Hat Yai, Songkhla, Thailand 90112*
- **Dr. Devaraj Veerasamy**
*Principal Consultant, Suraaj Mahir Consultancy, Selangor, Malaysia
Ex - Head of Environmental Technology & Sustainability Research
Program, Technology & Engineering Division, RRIM Research Station,
Malaysian Rubber Board*
- **Dr. Lau Woei Jye**
*Advanced Membrane Technology Research Centre, Faculty of Petroleum
and Renewable Energy Engineering, Universiti Teknologi Malaysia,
81310 Skudai, Johor*
- **Dr. Aporn Laorko**
Liquid Purification Engineering Co., Ltd., Nonthaburi, Thailand

Course Contents/ Topics of Interests Included:

- Introduction to the course
- Membrane as an innovative and clean technology
- Membrane technology principle
- Membrane in the food industries
- Membrane in the rubber industries
- Membrane in the palm oil mill industries
- Show case membrane processing for agro-food processing

Aims and Scope:

This 2-day training course aims to provide fundamental principle and practical experience in membrane processes as an innovative and clean technology for the food, palm oil mill and rubber industries. The lecture will cover clean & green technological concept, membrane process principle, membrane technology in food, palm oil mill and rubber processing and intensive showcase study. The course also offers the attendees to visit membrane pilot plant and to gain some experiences in membrane pilot plant operation and to observe some products characteristic delivered. This course is derived from a unique combination of specialization in food, palm oil mill and rubber processing and membrane process technology. Industrial experience, some relevant research and recent development in membrane technology will be discussed.

This specialized training course is designed for personnel staffs working in the food, palm oil mill and rubber industries which are owner, manager, supervisor, scientist, technologist and engineer involving process and product research and development, production department, project department, engineering department.

Learning Methods and Activities:

Lecture, Video and pilot plant workshop

Avenue:

Faculty of Agro-Industry, Prince of Songkla University, Hatyai
Thailand

Language:

Thai & English

Date:

August 8-9, 2017

Program/ Schedule:

Day 1 (August 8, 2017)

08.30-09.30	Registration / Opening Ceremony	PSU staff
09.30-10.30	<ul style="list-style-type: none">➤ Opening session➤ Membrane as innovative and clean technology➤ Membrane process principle	Dean of the Faculty of Agro-Industry, PSU
10.30-10.45	Break	
10.45-12.00	<ul style="list-style-type: none">➤ Membrane process principle(cont.)	Dr.Wirote
12.00-13.00	Lunch	
13.00-14.30	<ul style="list-style-type: none">➤ Membrane process principle(cont.)	Dr.Wirote
14.30-14.45	Break	
14.45-16.15	<ul style="list-style-type: none">➤ Membrane process in crude palm oil mill industry	Dr.Lau
16.15-16.30	Question & Answer	Dr.Wirote /Dr. Lau/ Dr.Devaraj

Day 2 (August 9, 2017)

08.30-09.00	Registration	PSU staff
09.00-10.30	<ul style="list-style-type: none">➤ Membrane process in food processing	Dr.Wirote
10.30-10.45	Break	
10.45-12.15	<ul style="list-style-type: none">➤ Membrane process in rubber industry	Dr.Devaraj
12.15-13.15	Lunch	
13.00-14.30	<ul style="list-style-type: none">➤ Success case telling story in membrane industrial applications	Dr.Wirote/Dr.Aporn
14.30-14.45	Break	
14.45-16.00	<ul style="list-style-type: none">➤ Pilot plant showcase	Dr.Wirote /Dr.Devaraj Dr.Lau/PSU staff
16.00-16.30	Question & Answer/ Closing Ceremony	Dr.Wirote Youravong/ Dr. Devaraj/Dr. Lau/PSU staff

Remark: Schedule is subject to change as appropriate



Registration Fee:

6,000.00 Baht per person

Important Dates:

Registration form submission deadline: July 31, 2017.

Registration:

The registration fee for 2 day training course is 6,000 Baht per person. The fee includes training manual, daily lunch, refreshments and certificates of completion.

Please submit an electronic copy of your Registration Form and Payment to Mr. Apichon Kamnerdwam (apichon.k@psu.ac.th, Fax: +66 7421 3008). All the materials required should be in the format of MS-Word or Portable Document Format (PDF).

Remark: Registration Form Submission deadline & Early Payment: July 31, 2017.

Number of Expected Attendee: 30

For Additional Technical Information Contact:

Assoc. Prof. Dr. Wirote Youravong

Course director

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For Registration Inquiries Contact:

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Training Course Coordinator

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ADCET Web Address:

Please access the following website for more detailed information about training course:

<http://adcet.psu.ac.th>
