

PSEforSPEED Online Workshop*

Decarbonization by Simultaneous Heat Integration and Optimization

*Contact us for in-person on-site options

Wed 26 October 2022

14.00 – 17.30 (TH Time)

via **zoom**

14.00 – 16.00 – *Live Thai Subtitles Available*

Theory and Application

of Simultaneous Heat Integration and Optimization for Decarbonization

16.00 – 17.00 – *In Thai*

2 Case Study Applications

17.00 – 17.30 – *In Thai*

Q&A

Lecturer

Prof. Rafiqul Gani

is well known internationally for his contributions in the development and use of computer-aided techniques to solve process engineering problems. Among the many awards he received, the latest is from the American Society for Engineering Education award 2022 for excellence in Chemical Engineering education.



Demonstrators

TH Team



Who should attend?

- Process Improvement Engineer
Plant Design Engineer
- Research and Development
- Student & Academic Field

Course Description

To tackle the grand challenges of energy, water, environment, food and health that modern society is currently facing, opportunities exist for development of new and sustainable technologies. Processes with high energy consumptions and/or negative environmental impacts are targeted for implementation of appropriate new technologies as retrofit options, which can significantly improve the sustainability of these processes. Advances in digital technologies have made it possible to develop new classes of computer-aided methods and their associated tools, and integrate them in a flexible software architecture. The workshop will briefly highlight the concepts of simultaneous heat integration and process optimization to generate more sustainable technologies for several energy intensive processes that also impact the environment negatively.

Benefits



Efficient Reduction of Carbon Footprint



Problem Solving Ability



Useful Documents Available



Software Trial Version Available*



Community of Practice and Certificate Available



Access to Watch Recorded Video



Software Training can be arranged on-site



Access to Online Database: *Properties on Demand*



Discount on Consulting Service or Software Licensing

**Software free version for educational purpose and free 7-day remoting computer available for commercial purpose.*

Registration Fee

12 Oct '22

26 Oct '22
(Workshop Day)

Early-bird Registration

General Ticket 9,990 **6,990 THB**
Educational Ticket 9,990 **3,990 THB**

Normal Registration

General/Educational Ticket 9,990 THB

50% discount for 4th and next participant(s) from the same institute

Scan to Register

Registered participant will receive payment details within 1-2 days after registration.

