

LET'S DIVE INTO PETROCHEMICAL INDUSTRY



On July 10, 2020, a webinar on “Introduction to Petrochemical Industry” was organised by Faculty of Applied Sciences, UiTM Perak Branch Tapah Campus. This industrial talk aims to give exposure regarding the petrochemical industry. A total of 42 participants including staff and students from various campuses of Universiti Teknologi MARA (UiTM) were involved in this industrial talk. In line with the main purpose of the industrial talk webinar, it gave new insights and exposed the students to the integration of science and technology skills in the industry.

In addition, the industry experts, academicians, and students involved can experience knowledge exchange with each other. This industrial talk developed a good relationship with the industry and external organisations and enhanced the reputation of UiTM Perak Branch, Tapah Campus. This webinar industrial talk started with a session by the international speaker, Dr Mohammad Azizol bin Abdul Wahab who is the Lead Scientist (Polymer), Technology Group, Petrochemicals, at Saudi Basic Industries Corp (SABIC) Riyadh, Saudi Arabia. He spoke about himself and SABIC which is one of the world's largest and top 10 chemical companies.



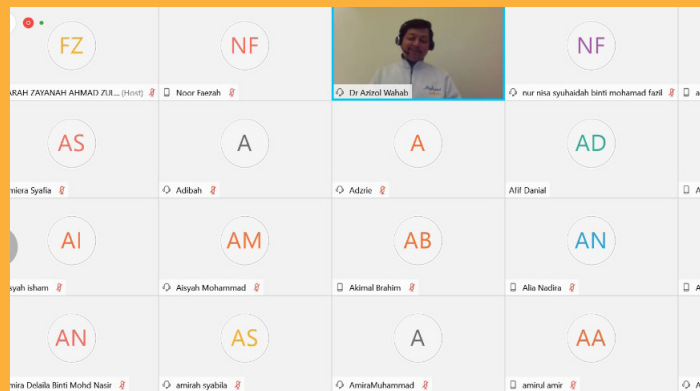
e-Canang NEWS

UiTM PERAK BRANCH

ISSUE 1/2022

7

The main agenda of his session included the upstream and downstream business in oil and gas industry; the relationship between petroleum, petrochemicals and polymers, and petrochemicals building blocks related to petroleum-based polymers (plastics). Petrochemical means the chemical products that can be obtained from fossil fuels such as petroleum, coal, natural gas, or non-renewable sources. Dr Mohammad Azizol bin Abdul Wahab also explained about the importance of petrochemicals, petrochemical-based products and activities in petroleum business segments: upstream (exploration, drilling and production), midstream (processing, pre-process, storage and transmission), and downstream (oil refining, convert to energy or petrochemicals products mainly from two classifications: polymers and chemicals, lubricants, and fertilisers). Apart from that, he gave a speech about the growth of petrochemical in Saudi Arabia, in which he accentuated the typical composition of crude oil and its refining process until it can yield the petrochemical-based consumer goods.



He also spoke about the commercially most important seven petrochemical building blocks and the polymers that can be derived from them. In addition, Dr Mohammad Azizol bin Abdul Wahab enlightened about the importance of polymers and how polymers contribute to the formation of plastics and other advanced material and products. Furthermore, he also suggested new ways to the researchers and those in petrochemical industry on how to manage plastics in order to avoid pollution. Lastly, he ended his session by sharing his own experiences which ignited the participants' interest in the petrochemical industry.

E. Tavasuria A/P Elangovan
(FSG)



e-Canang NEWS

UiTM PERAK BRANCH

ISSUE 1/2022

11

EDITORS



ASSOC. PROF. Ts. Sr. DR MOHD FADZIL MAT YASIN (Executive Editor)
WAN NURUL FATIHAH WAN ISMAIL (Chief Editor)

LANGUAGE EDITORS




MAHFUZH RAFEK
MOHD HAFIZ MAT ADAM
NOORLINDA ALANG
NOR HIDAYATI ABDULLAH
NORAZIAH AZIZAN
NUR FARHANA NASRI
NURHIDHA IRAWATY BT KASMARUDDIN
NURUL NADWA AHMAD ZAIDI
SHEEMA LIZA IDRIS

GRAPHIC DESIGNERS



NURUL AKLA AHMAD KHALIL
(Corporate Communication Unit)

 <https://perak.uitm.edu.my/v3>

 <https://www.facebook.com/uitmperakofficial>

 <https://www.instagram.com/uitmperakigrasmi>

 <https://twitter.com/UiTMPerak>

e-Canang NEWS

UiTM PERAK BRANCH

ISSUE 1/2022

12

All rights reserved. No part of this publication may be reproduced, distributed or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission from UiTM.

eISSN 2600-8513



9 772600 851009

PUBLISHED BY
Corporate Communication Unit
Universiti Teknologi MARA, Perak Branch

Surat kami : 700-KPK (PRP.UP.1/20/1)

Tarikh : 20 Januari 2023

Prof. Madya Dr. Nur Hisham Ibrahim
Rektor
Universiti Teknologi MARA
Cawangan Perak



Tuan,

**PERMOHONAN KELULUSAN MEMUAT NAIK PENERBITAN UiTM CAWANGAN PERAK
MELALUI REPOSITORI INSTITUSI UiTM (IR)**

Perkara di atas adalah dirujuk.

2. Adalah dimaklumkan bahawa pihak kami ingin memohon kelulusan tuan untuk mengimbas (*digitize*) dan memuat naik semua jenis penerbitan di bawah UiTM Cawangan Perak melalui Repositori Institusi UiTM, PTAR.

3. Tujuan permohonan ini adalah bagi membolehkan akses yang lebih meluas oleh pengguna perpustakaan terhadap semua maklumat yang terkandung di dalam penerbitan melalui laman Web PTAR UiTM Cawangan Perak.

Kelulusan daripada pihak tuan dalam perkara ini amat dihargai.

Sekian, terima kasih.

“BERKHIDMAT UNTUK NEGARA”

Saya yang menjalankan amanah,

SITI BASRIYAH SHAIK BAHARUDIN
Timbalan Ketua Pustakawan

nar

Setuju.

27.1.2023

PROF. MADYA DR. NUR HISHAM IBRAHIM
REKTOR
UNIVERSITI TEKNOLOGI MARA
CAWANGAN PERAK
KAMPUS SERI ISKANDAR