

National Chemical Engineering Exposure Camp 2023

Organised by IChemE-UM SC

Department of Chemical Engineering, Faculty of Engineering, Universiti Malaya

Date	:	04 to 05 March 2023
Venue	:	Faculty of Engineering, Universiti Malaya
Organised by	:	IChemE-UM Student Chapter (IChemE-UM SC), Department of Chemical Engineering, Faculty of Engineering, Universiti Malaya
Recognised by	:	Ministry of Education, Malaysia
Supported by	:	IChemE's Palm Oil Processing Special Interest Group, in conjunction with Malaysian Palm Oil Council (MPOC)
Participation	:	84 people per day
Participants	:	Matriculation, STPM, A-level students
Event webpage	:	www.icheme.org/nceec-2023
News webpage	:	www.icheme.org/news-nceec-2023

Introduction to POPSIG university roadshow

1. POPSIG roadshow, in collaboration with MPOC, aims to provide a platform for students to learn more about the roles of chemical engineers in palm oil industry.
2. It also addresses accurate perceptions and promotes various career opportunities in the industry.
3. POPSIG roadshow constitutes POPSIG Youth Sustainable Project that has been presented as a top performed project awarded by the European Union (Delegation to ASEAN).
4. NCEEC 2023 was listed as one of the events in this award-winning roadshow series.

Introduction to NCEEC 2023

Introduction

- A nationwide camp to introduce and deliver information to pre-university students on chemical engineering profession.
- Recognised by the Ministry of Education (Kementerian Pendidikan Malaysia, KPM).

Learning outcomes (POPSIG session)

- Understood the roles of chemical engineer in palm oil industry.
- Recognised the roles of chemical engineer in addressing SDG3, SDG7, SDG8, SDG12, SDG13.
- Developed the leadership skills among the pre-university students.
- Understood sustainable palm oil processing in industry.

Speech

Saw Xukai, President of IChemE-UM SC 2022-2023

President Saw first expressed his sincere gratitude to the participants for joining the first in-person NCEEC. NCEEC would be meaningful to all participants as it provided the overview on Chemical Engineering as a degree and as a profession before the students decided their future career pathways. He hoped all the participants can enjoy the programme and gain insightful information during the two-day events.

NCEEC 2023 Committee List

Department	Position	Name
High Committee	Director	Liu Jun Jie
	Vice Director	Koay Zhi Long
	Vice Director	Tan You Qi
	Secretary	Lau En Xin
	Treasurer	Muhammad Qasim Abbas Zaidi
Programme and Activities	Head of Department	Sow Jun Dong
	Assistant Head of Department	Mohammad Abrar Arif
	Executive Committee	Ooi Rou Xi
	Executive Committee	Rami Yazeed Khaleel Mousa
	Executive Committee	Choong Ming Jing
Protocol	Head of Department	Loke Qiao Min
	Assistant Head of Department	Ahmad Arif Wasfi Bin Azmi
	Executive Committee	Daniel Chew Ber Lin
	Executive Committee	Lee Khai Jin
External Affairs	Head of Department	Nurshamimi Azira Binti Masran
	Assistant Head of Department	Mohamad Nur Aidil Bin Mohd Isa
	Executive Committee	Hoo Sye Ping
	Executive Committee	Chong Cui Hua
Delegation	Head of Department	Choo Yun Sheng
	Assistant Head of Department	Nalan A/L Kunalan
	Executive Committee	Tan Xin Yi
	Executive Committee	Lee Seng Han
	Executive Committee	Kylie Lee Chai Woon
	Executive Committee	Chua Wei Ting
Multimedia	Head of Department	Tan Wei Ming
	Assistant Head of Department	Nur Alyaa' Sabrina Binti Muhammad Faris Teh
	Executive Committee	Teh Hui Xin
	Executive Committee	Wong Yik Seng

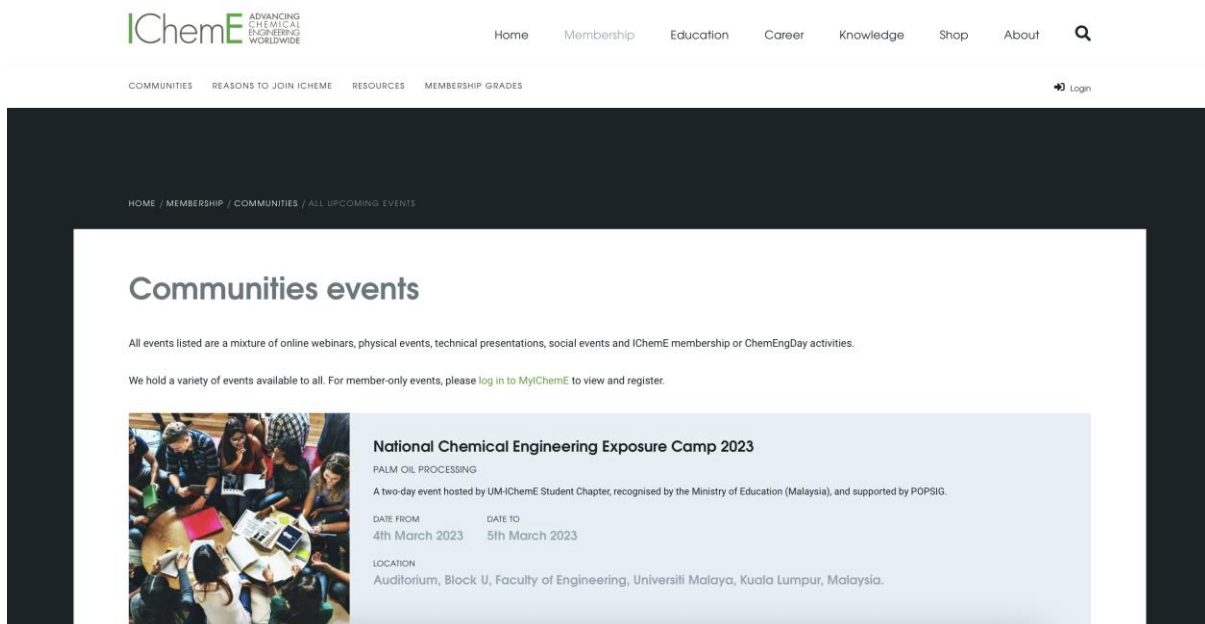
[Continued on the next page]

Department	Position	Name
Publicity	Head of Department	Ng Gay Syuen
	Assistant Head of Department	Adib Fikri Bin Ahmad Fa'izal
	Executive Committee	NurLiyana Atikah binti Fazli
	Executive Committee	Clement Fong Yan Shen
	Executive Committee	Loh Wen Han
	Executive Committee	Ribori Masiga
Logistic	Head of Department	Tan Chun Hau
	Assistant Head of Department	Esfarizal Bin Ali
	Executive Committee	Sou Chen Guan
	Executive Committee	Fang Wen Yi
	Executive Committee	Lukman Hakim Bin Mohd Sakdon
	Executive Committee	Lai Zheng Ping

List of winners of palm oil quiz

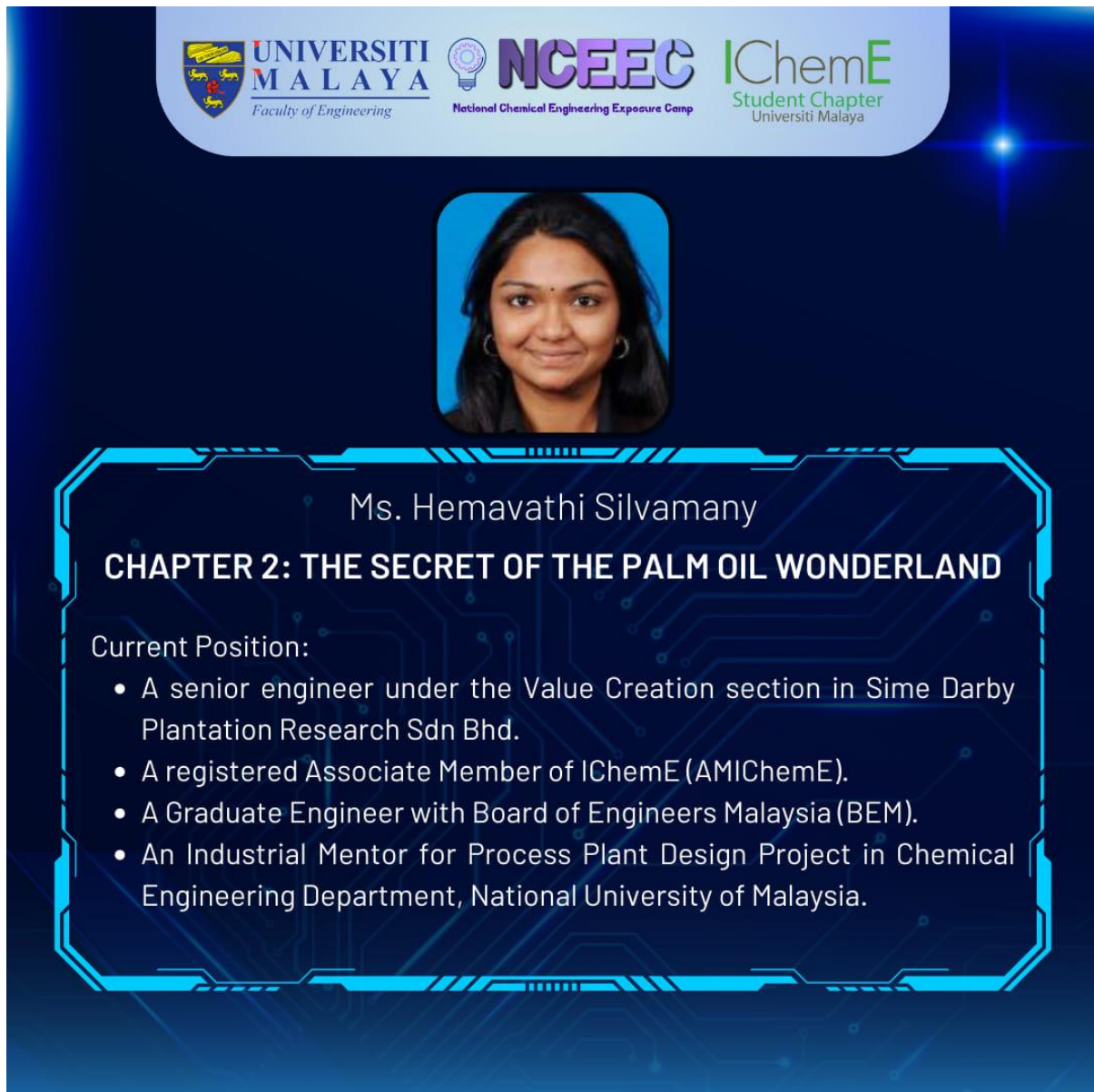
- Mok Zhen Yang, UTMspace
- Adam Bin Razali, Pusat Asasi Universiti Malaya (PASUM)
- Tei Chun Wei, Sunway College
- Lim Wei Hang, Kolej Matrikulasi Johor
- Lee Mei Ling, PTE SMK Triang
- Teh Xiao He, Kolej Matrikulasi Kejuruteraan Kedah
- Lim Xin Ying, Kolej Matrikulasi Johor (KMJ)
- Aeshah Aljunid Binti Azmil Aljunid, Kolej Matrikulasi Selangor
- Chan Ping Yuen, Kedah Engineering Matriculation College (KMCK)
- Tan Jia Ying, UTM foundation

Appendix 1: Posters



The screenshot displays the IChemE website's 'Communities events' page. The page features a navigation bar with links for Home, Membership, Education, Career, Knowledge, Shop, and About, along with a search icon. Below the navigation bar, there are links for COMMUNITIES, REASONS TO JOIN IChEME, RESOURCES, and MEMBERSHIP GRADES, and a 'Login' button. The main content area is titled 'Communities events' and includes a sub-header 'All events listed are a mixture of online webinars, physical events, technical presentations, social events and IChemE membership or ChemEngDay activities.' Below this, there is a note: 'We hold a variety of events available to all. For member-only events, please log in to MyIChemE to view and register.' The featured event is the 'National Chemical Engineering Exposure Camp 2023' under the category 'PALM OIL PROCESSING'. The event is described as a two-day event hosted by UM-IChemE Student Chapter, recognised by the Ministry of Education (Malaysia), and supported by POPSIG. The dates are listed as 4th March 2023 to 5th March 2023, and the location is Auditorium, Block U, Faculty of Engineering, Universiti Malaya, Kuala Lumpur, Malaysia. An image of students participating in the event is shown on the left side of the event card.

Figure 1: Event was reported on IChemE's Global Communities events at www.icheme.org.



UNIVERSITI MALAYA
Faculty of Engineering

NCEEC
National Chemical Engineering Exposure Camp

IChemE
Student Chapter
Universiti Malaya

Ms. Hemavathi Silvamany

CHAPTER 2: THE SECRET OF THE PALM OIL WONDERLAND

Current Position:

- A senior engineer under the Value Creation section in Sime Darby Plantation Research Sdn Bhd.
- A registered Associate Member of IChemE (AMIChemE).
- A Graduate Engineer with Board of Engineers Malaysia (BEM).
- An Industrial Mentor for Process Plant Design Project in Chemical Engineering Department, National University of Malaysia.

Figure 2: Poster – Introduction to the speaker. Poster credit to: IChemE-UM SC (2023).



The poster features a dark blue background with a glowing cyan circuit-like pattern. At the top, there is a light blue banner containing three logos: the Universiti Malaya Faculty of Engineering crest, the NCEEC logo (National Chemical Engineering Exposure Camp), and the IChemE Student Chapter logo (Universiti Malaya). The main content is enclosed in a cyan-bordered box with a circuit pattern background. It lists the speaker's education and achievements.

Education:

- Bachelor's degree in Chemical Engineering, National University of Malaysia
- Master of Science Degree, specialising in Chemical and Process Engineering.

Achievement:

- Sustainability Award at IChemE Award 2020
- Oil Palm Award at IChemE Award 2020

Figure 3: Poster – Introduction to the speaker. Poster credit to: IChemE-UM SC (2023).

SUPPORTING PARTNERS

IChemE
Palm Oil Processing
Special Interest Group

INTRODUCTION

- IChemE's Palm Oil Processing Special Interest Group (POPSIG) provides a platform to enable knowledge transfer, exchange of best practices and sharing experience about the palm oil sector.
- POPSIG operates to deliver workshops to upskill the industrial employees. The organisation delivers technical seminars and forums to address the pressing issues around the world.
- POPSIG collaborates with various stakeholders and employers to provide opportunities to the younger generation to understand and experience the potential of digitalisation in the industry.

POPSIG

Figure 4: Poster – Introduction to POPSIG. Poster credit to: IChemE-UM SC (2023).



Figure 5: Poster – Introduction to MPOC. Poster credit to: IChemE-UM SC (2023).

Appendix 2: Event photos

Please view the event photos at:

<https://www.icheme.org/media/19795/nceec-event-photos.pdf>