

# QUATERLY NEWSLETTER

September 2018

UNITEN Malaysia  
Student Chapter

Institution of  
**MECHANICAL  
ENGINEERS**

Dear Fellow Members,

Welcome to our second newsletter for IMechE UNITEN! We aim to provide you with valuable insights and important updates for our club via quarterly newsletters.

We look forward to your support for our coming activities and events.

Choong Pooi Ying

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## Past Events

### 1. “Why Industrial Revolution 4.0 Makes Engineering Relevant for Multiple Career Paths” by Dr Rahmat Shazi.

IMechE UNITEN Student Chapter was proud to present the talk titled “Why Industrial Revolution 4.0 Makes Engineering Relevant for Multiple Career Paths” by Dr Rahmat Shazi on the 9<sup>th</sup> August 2018 from 8pm till 10pm at BM-0-010, College of Engineering, UNITEN.

Dr. Rahmat Shazi discussed about what Industrial Revolution 4.0 is about and how future engineers could adapt themselves to the needs of the ever-evolving industry and prepare themselves to be more employable.

A short Q&A session was done at the end of the event and participants of the talk gained much insights about the requirements of the current work environment.



Dr. Rahmat Shazi giving his talk in front of the crowd.

### 2. Mechanical Engineering Department Design Week

From the 28<sup>th</sup> till 30<sup>th</sup> August 2018, the Mechanical Engineering Department Design Week for Semester 1, 2018/2019 was held at The Link, College of Engineering. The three competitions that were held in conjunction with the ME Department Design Week are:

- i) Machine Design Competition
- ii) Mechanical Design Process Competition
- iii) Capstone Design Process Competition.

The Design Week saw many innovative and creative designs and product prototypes presented by mechanical engineering students of UNITEN. IMechE UNITEN extends our warmest compliments to winners of the three competitions held during the design week.



Picture of the Design Week that was held at The Link, UNITEN.

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## Coming Events

### 1. South East Asia Region Speak Out for Engineering (SEAR SOFE) 2018

The most awaited South East Asia Region Speak Out for Engineering (SEAR SOFE) 2018 is back! IMechE UNITEN is honoured to co-organise the prestigious regional public speaking competition with Institution of Mechanical Engineers South East Asia Region (IMechE SEAR).

In this event, we will see participants from Malaysia, Singapore and Brunei will be presenting amazing topics to compete for the 1st Prize, 2nd Prize and an opportunity to represent the SEA Region for the International SOFE Competition 2019 which will be held in India next year!



The event details are as following:

Date: 13<sup>th</sup> October 2018

Time: 12.30pm till 6.00pm

Venue: Library Auditorium, Universiti Tenaga Nasional (UNITEN)

Do join us for this event to learn more about SOFE!

### 2. Talk: The Future Shift of Green Engineering & Technology Using Big Data

IMechE UNITEN Student Chapter is proud to be hosting the talk titled “The Future Shift of Green Engineering & Technology Using Big Data” in UNITEN by Prof. Dr. Ir. Vinesh Thiruchelvam. He is currently the dean of the Faculty of Computing, Engineering and Technology (FCET) of Asia Pacific University (APU).

Prof. Dr. Ir. Vinesh has accumulated more than 18 years’ experience of a mixture of engineering education, operations & maintenance, facility management, design and project management in various industries ranging from building services/property, oil & gas, district cooling plants, co-generation power plants and the port industry.

The event details are as follows:

Date: 13<sup>th</sup> October 2018 (Tuesday)

Time: 2.00pm till 4.00pm

Venue: Admin Theatre, Admin Building, Universiti Tenaga Nasional (UNITEN)

Do join us for this informative talk!

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### 3. Learned Society: The Significance

A seminar regarding learned society will be conducted to expose engineering students on the benefits of getting involved in engineering learned society.

Speakers from Institution of Mechanical Engineers (IMEchE), Institution of Engineering and Technology (IET) and The Institution of Engineers, Malaysia (IEM) will be giving valuable insights to participants and sharing of experience will be done.

The details of the event are as follows:

Date: 23<sup>rd</sup> November 2018 (Friday)  
Time: 3.00pm till 5.30pm  
Venue: College of Engineering,  
Universiti Tenaga Nasional (UNITEN)

### 4. Inter- IMechE Student Chapter Engineering Debate Competition

The inaugural Inter- IMechE Student Chapter Engineering Debate Competition will be hosted by IMechE UNITEN. All student chapters around Malaysia are welcomed to participate in this debate competition.

The event details are as follows:

Date: 24<sup>th</sup> November 2018 (Saturday)  
Time: 8.00am till 5.00pm  
Venue: College of Engineering,  
Universiti Tenaga Nasional (UNITEN)

### Contact us:

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