

# PROGRAMME

## 1 JUNE 2024 – SATURDAY ENGINEERING AND TECHNOLOGY WEEK – DAY 1

Venue / Time	Hybrid - MySET Office (Council Member Only) & Online Zoom Platform
0830 – 0900 hrs	ETW2024 Registration
<b>OPENING CEREMONY</b>	
Chair: Assoc. Prof. Ts. Dr. Tinia Idaty Mohd Ghazi	
0900 – 0915 hrs	<ul style="list-style-type: none"> <li>○ Recitation of Du'a – Muhammad Syakir Abd Yamin</li> <li>○ Welcoming Remarks by ETW2024 Director – Assoc. Prof. Ts. Dr. Tinia Idaty Mohd Ghazi</li> <li>○ Officiating Speech by President of Malaysian Society for Engineering and Technology Ir. Megat Johari Megat Mohd Noor</li> </ul>
<b>15<sup>TH</sup> NATIONAL ENGINEERING AND TECHNOLOGY CONVENTION</b>	
<b>Keynote Address</b>	
0915 – 1000 hrs	Digitalization in Engineering and Technology Towards SDG  <b>Ts. Ir. Louis Tay C.S</b> <i>Chief Operating Officer</i> <i>PLYTEC Holding Berhad</i>
<b>MoU Signing Ceremony</b>	
1000 – 1010 hrs	Malaysian Association of Engineers
<b>Award Presentation</b>	
<b>Student Award Presentation</b>	
1010 – 1020 hrs	MySET – Aerospace Industry Award <ul style="list-style-type: none"> <li>○ Universiti Putra Malaysia – Ishan Mitra Halder</li> </ul> MySET – MAK Student Excellence Award <ul style="list-style-type: none"> <li>○ Universiti Teknologi MARA – Akmal Haris bin Nor Hisham</li> </ul> MySET – MTC Student Excellence Award <ul style="list-style-type: none"> <li>○ Universiti Kuala Lumpur – Muhammad Ikmal bin Abdullah</li> </ul>
<b>Excellence Service Award</b>	
1020 – 1040 hrs	Break
<b>17<sup>TH</sup> MySET ANNUAL GENERAL MEETING</b>	
Chair: Ir. Megat Johari Megat Mohd Noor	
<b>17<sup>th</sup> MySET Annual General Meeting</b>	
1040 – 1210 hrs	The Agenda for the 17 <sup>th</sup> Annual General Meeting is as follows; <ol style="list-style-type: none"> <li>1. Welcoming Address by the President for Session 2021 – 2024</li> <li>2. Confirmation of Minutes of the 16<sup>th</sup> Annual General Meeting</li> <li>3. Matters Arising</li> <li>4. Annual Report for Session 2023 – 2024</li> <li>5. Amendment of the Constitution</li> <li>6. Any Other Business</li> <li>7. Election of Council Members for Session 2024 – 2027</li> <li>8. Election of Honorary Auditors</li> <li>9. Announcement of Results of Election for Council Session 2024 – 2027</li> <li>10. Address by President for Session 2024 – 2027</li> </ol>
1210 – 1400 hrs	Lunch & Networking



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Mode / Time	Online Zoom Platform – Link: <a href="http://www.myset.org.my/ETW2024_ZOOM">www.myset.org.my/ETW2024_ZOOM</a>
<b>ENGINEERING &amp; TECHNOLOGY WEEK 2024</b>	
Moderator: Assoc. Prof. Ts. Dr. Ahmad Yasir Md Said	
1400 – 1500 hrs	<p>Implementing Predictive Maintenance in Aircraft Leveraging Digitalization for Sustainable Operations</p> <p><b>Ir. Ricky Liew Chee Leong</b> Chairperson, Malaysia Licensed Aircraft Engineer Interest Group, MySET</p>
1530 – 1630 hrs	<p>Satellite Communication Technological Awareness Among Young Professionals for Bridging the Digital Divide for SDG Achievement</p> <p><b>Assoc. Prof. Ts. Dr. Harlisya Harun</b> Chairperson, Young Professional Group, MySET</p>
End of Session	

## 2 JUNE 2024 – SUNDAY ENGINEERING AND TECHNOLOGY WEEK – DAY 2

Mode / Time	Online Zoom Platform – Link: <a href="http://www.myset.org.my/ETW2024_ZOOM">www.myset.org.my/ETW2024_ZOOM</a>
<b>ENGINEERING &amp; TECHNOLOGY WEEK 2024</b>	
Moderator: Assoc. Prof. Ts. Dr. Harlisya Harun	
0900 – 1000 hrs	<p>Digital Transformation &amp; Sustainability with the 5P Framework</p> <p><b>Ts. Dr. Norsaidatul Akmar bt Mazelan</b> Secretary General, Sustainable Business Network Association Malaysia (SustNET)</p>
1030 – 1130 hrs	<p>Embracing Digitalisation to Achieve SDG</p> <p><b>Ts. Dr. Hj. Zaharuddin Saidon</b> Executive Director, Global Academia Sdn Bhd Chairperson, Standing Committee on Technology and Business, MySET</p>
1130 – 1400 hrs	Break
Moderator: Ir. Ricky Liew Chee Leong	
1400 – 1500 hrs	<p>Rejuvenating the Malaysia HSE Culture – Integrating Technology with SDG</p> <p><b>Ts. Ir. Yeo Cheng Kwan, Lt. Cdr. (R)</b> Development Director, CPD Holistics Sdn. Bhd. Chairperson, Malaysia Marine Engineering and Naval Architecture Interest Group, MySET</p>
1530 – 1630 hrs	<p>Empowering Global Sustainability: Strategic Digitalization for Innovation and Collaboration</p> <p><b>Manu M Pillai</b> <i>LabGuard Pvt. Ltd.</i></p>
End of Session	



# PROGRAMME

## 3 JUNE 2024 – MONDAY

### ENGINEERING AND TECHNOLOGY WEEK – DAY 3

Mode / Time	Online Zoom Platform – Link: <a href="http://www.myset.org.my/ETW2024_ZOOM">www.myset.org.my/ETW2024_ZOOM</a>
<b>ENGINEERING &amp; TECHNOLOGY WEEK 2024</b>	
Moderator: Ir. Megat Mus'ab Megat Johari	
0900 – 1000 hrs	Digitalization of Competency Training for Construction Personnel Malaysia <b>Ir. Dr. Muhammad Arkam bin Che Munaaim</b> <i>Chief Executive Officer, Mega Jati Academy Sdn. Bhd.</i>
1030 – 1130 hrs	Digitalization of Sustainability Reporting <b>Assoc. Prof. Dr. Yusri Yusup</b> <i>Associate Professor, Universiti Sains Malaysia</i>
1130 – 1400 hrs	Break
Moderator: Dr. Mohd Faisal Abdul Hamid	
1400 – 1500 hrs	Optimising Technology in Malaysia Yachting Industry – Merging Maritime/ Marine & Naval Architecture <b>Ts. Ir. Yeo Cheng Kwan, Lt. Cdr. (R)</b> <i>Development Director, CPD Holistics Sdn. Bhd.</i> <i>Chairperson, Malaysia Marine Engineering and Naval Architecture Interest Group, MySET</i>
1530 – 1630 hrs	Humanizing Future-Ready Engineers in Malaysia <b>Assoc. Prof. Ts. Dr. Mohd Kamaruddin Abd Hamid</b> <i>Deputy Dean (Academics &amp; International), Faculty of Engineering, Universiti Malaysia Sabah</i>
End of Session	

## 4 JUNE 2024 – TUESDAY

### ENGINEERING AND TECHNOLOGY WEEK – DAY 4

Mode / Time	Online Zoom Platform – Link: <a href="http://www.myset.org.my/ETW2024_ZOOM">www.myset.org.my/ETW2024_ZOOM</a>
<b>ENGINEERING &amp; TECHNOLOGY WEEK 2024</b>	
Moderator: Assoc. Prof. Ir. Dr. Ahmad Shukri bin Muhammad Noor	
0900 – 1000 hrs	The Role of AI and Machine Learning in Optimizing Resource Management and Sustainability <b>Ts. Girish Viswanathan</b> <i>Business Development Manager, 27Projects</i>
Moderator: Prof. Dr. Rosnah Shamsudin	
1400 – 1500 hrs	Digitalization in Business Aviation <b>Ts. Dr. Nadiir Bheekhun</b> <i>Founder &amp; Chief Executive Officer, AERONAD Group</i>
End of Session	



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## 5 JUNE 2024 – WEDNESDAY ENGINEERING AND TECHNOLOGY WEEK – DAY 5

Mode / Time	Online Zoom Platform – Link: <a href="http://www.myset.org.my/ETW2024_ZOOM">www.myset.org.my/ETW2024_ZOOM</a>
<b>ENGINEERING &amp; TECHNOLOGY WEEK 2024</b>	
Moderator: Assoc. Prof. Ir. Dr. Ahmad Shukri bin Muhammad Noor	
1030 – 1130 hrs	<p>Could Engineering be the key to the E in ESG?</p> <p><b>Ts. Raja Shazrin Shah Raja Ehsan Shah</b> Vice President, Malaysian Association of Engineers</p>
1130 – 1400 hrs	Break
Moderator: Dr. Megat Usamah Megat Johari	
1400 – 1500 hrs	<p>Build Smart, Track Smarter: Digital Construction Excellence</p> <p><b>Ts. Andy Meng Jun Tiong</b> Director, Professional Services, PCSS Consultancy Sdn. Bhd.</p>
1530 – 1630 hrs	<p>Unlocking Indonesia’s Potential: Innovations in Halal and Sharia Digitalization, and the Evolution of Export Hub Ecosystems</p> <p><b>Ahmad Soffian</b> Global Business Director &amp; Co-Founder, PT. Halal Syariah Integrasi, Indonesia</p>
End of Session	

## 6 JUNE 2024 – THURSDAY ENGINEERING AND TECHNOLOGY WEEK – DAY 6

Mode / Time	Online Zoom Platform – Link: <a href="http://www.myset.org.my/ETW2024_ZOOM">www.myset.org.my/ETW2024_ZOOM</a>
<b>ENGINEERING &amp; TECHNOLOGY WEEK 2024</b>	
Moderator: Assoc. Prof. Ir. Dr. Ahmad Shukri bin Muhammad Noor	
1030 – 1130 hrs	<p>Digitalization Safety Engineering Towards SDG</p> <p><b>Ts. Ahmad Afizul Haq bin Abdul Razak</b> Section Head, Department of Safety and Health Malaysia Chairperson, Malaysia Safety Engineering Interest Group, MySET</p>
1130 – 1400 hrs	Break
Moderator: Dr. Mohamad Faiz Mukhtar Gunam Resul	
1400 – 1500 hrs	<p>Why Smart/ Cyber Cities Have Failed So Far?</p> <p><b>Ir. Dr. Vignaeswaran Shanmuganathan</b> Chairperson, Malaysia Smart Intelligent and Technologically Integrated City Interest Group, MySET</p>
1530 – 1630 hrs	<p>STI as an Economic Driver</p> <p><b>Prof. Dato’ Ir. Dr. Mohd Saleh Jaafar</b> Pro Vice-Chancellor, UCSI University Bangladesh Branch Campus</p>
End of Session	



# PROGRAMME

## 7 JUNE 2024 – FRIDAY ENGINEERING AND TECHNOLOGY WEEK – DAY 7

Mode / Time	Online Zoom Platform – Link: <a href="http://www.myset.org.my/ETW2024_ZOOM">www.myset.org.my/ETW2024_ZOOM</a>
<b>ENGINEERING &amp; TECHNOLOGY WEEK 2024</b>	
Moderator: Assoc. Prof. Ts. Dr. Ahmad Yasir Md Said	
0900 – 1000 hrs	Human-Centred AI Upskilling and Reskilling Framework for Future ASEAN Workforce <b>Prof. Ir. Dr. Hazlina Selamat</b> Director, Control & Mechatronics Engineering Department, Universiti Teknologi Malaysia
1030 – 1130 hrs	Reimagining Engineering: Digital Innovations for Sustainable Future <b>Prof. Ir. Dr. Mohd Zainal Abidin Ab. Kadir</b> Dean, Faculty of Engineering, Universiti Putra Malaysia
1130 – 1400 hrs	Break

