

09 SEPTEMBER 2025 (Tuesday)
Conference Hall 7A
Kuala Lumpur Convention Centre
9.00 a.m. - 6.00 p.m.

**BUILDING SERVICES SYMPOSIUM (BSS) 2025
"INNOVATION IN HEALTHCARE ENGINEERING"**



Sub Theme :

"Innovation in Healthcare Engineering: Balancing Progress, Compliance and Sustainability in Building Services"

"Gear Up for the Ultimate Healthcare Engineering Symposium in Town!"

Join us at this year's *Healthcare Engineering Solutions Symposium* — where innovation meets inspiration. Be captivated by visionary ideas, groundbreaking solutions, and a lineup of special, world-class speakers set to ignite your passion for progress."

Who Should Attend?

- Healthcare engineers, researchers, and entrepreneurs
- Regulatory affairs professionals and policymakers
- Clinical practitioners and hospital administrators
- Sustainability advocates and environmental health experts

Outcome:

Attendees will gain actionable insights into **designing compliant, sustainable, and patient-centric technologies**, while fostering cross-sector collaboration to shape the future of healthcare

Organised by
Building Services Technical Division (BSTD)
The Institution of Engineers, Malaysia

Registration Closing Date
01 September 2025

BEM Approved CPD Hours :
CPD Ref :

Held Concurrently With:

ENGINEER®
4TH ENGINEERING EXHIBITION &
CONFERENCE 2025, MALAYSIA
9 - 12 SEPT 2025
KUALA LUMPUR CONVENTION CENTRE,
MALAYSIA
Email: convention@iem.org.my
Website: www.myiem.org.my

FOR REGISTRATION & INQUIRIES,
Please contact the Event Secretariat at
shahrul@iem.org.my & syafiq@iem.org.my

Message from Organising Chairman Ir. Al-Khairi Mohd Daud



"Innovation in Healthcare Engineering: Balancing Progress, Compliance, and Sustainability"

Dear Distinguished Guests, Colleagues, and Change-Makers,

The future of healthcare is being rewritten by engineering marvels—smart implants, AI-driven diagnostics, and sustainable medical technologies that promise to redefine patient care. Yet, as we push the boundaries of what's possible, we must also address two foundational pillars: **regulatory compliance** and **sustainable**

development.

Innovation cannot thrive in isolation. It requires navigating complex regulatory landscapes to ensure safety, efficacy, and equitable access. At the same time, the healthcare sector must embrace sustainability—reducing environmental impact, optimizing resource use, and designing solutions that endure beyond the lab. How do we strike this balance? How can engineers, clinicians, and policymakers collaborate to create technologies that are not only groundbreaking but also **responsible, scalable, and future-proof?**

This symposium is a platform to tackle these critical questions. We will explore how agile regulatory frameworks can accelerate—rather than inhibit—progress, and how sustainable engineering practices can make healthcare systems more resilient and inclusive. From cutting edge medical devices to energy-efficient hospital infrastructures, the opportunities are as vast as our collective ambition.

Together, let's chart a path where innovation meets accountability, and where today's breakthroughs become tomorrow's sustainable standards. The challenge is immense, but so is our potential.

I look forward to your insights and collaboration.

Warm regards,

Ir. Al-Khairi Mohd Daud
Organizing Chairman
Building Services Symposium (BSS) 2025
& Chairman of Building Services Technical Division Symposium (BSTD)
Session 2024 / 2025

SYNOPSIS

The rapid evolution of healthcare engineering—from AI-driven diagnostics to sustainable hospital operation—holds immense promise for transforming patient care. Yet, this progress must be harmonized with robust regulatory frameworks and sustainable practices to ensure ethical, scalable, and environmentally responsible solutions. This symposium convenes engineers, clinicians, policymakers, and industry leaders to explore how innovation can thrive while addressing compliance and sustainability challenges.

Theme : INNOVATION IN HEALTHCARE ENGINEERING

Sub Theme : *"Innovation in Healthcare Engineering: Balancing Progress, Compliance and Sustainability in Building Services"*

Key Themes:

1. Topic : Navigating Regulatory Landscapes

- Strategies to align engineering advancements with Malaysian regulatory frameworks (PHA, EECA etc) and global standards (MSQH, ISQUA, ISO etc).
- Support from regulatory on changing technologies in healthcare engineering to promote creativity

2. Topic : Cutting-Edge Innovations

- Emerging technologies (e.g., smart devices, robotics, digital health) reshaping healthcare delivery.
- Case studies of how technologies change patient care.

3. Topic : Sustainable Healthcare Engineering

- Green technologies (e.g., energy-efficient hospitals, recyclable medical devices).
- Lifecycle analysis and eco-design principles for medical innovations.

4. Topic : Collaborative Pathways Forward

- Multidisciplinary partnerships to bridge gaps between R&D, regulation, and implementation.
- Policies and incentives to accelerate responsible innovation

SYMPOSIUM PROGRAM

(This Tentative Program might be subject to minor modifications without further notice)

TIME	PROGRAM, SPEAKERS & TOPICS
8.30am – 9.00am :	<i>Registration and Welcome Coffee & Tea</i>
Morning Session 1 Chair :	
9.00am – 9.05am :	Welcome Address by Organising Chairman BSS 2025 & Chairman of BSTD, Ir. Al-Khairi Mohd Daud
9.05am – 9.10am :	Welcome Speech by President of IEM / Representative
9.10am – 9.20am :	Opening Remark by Guest of Honour Ministry of Health – <i>To Be Confirm</i>
9.20am – 9.25am :	<i>Token of Appreciation by IEM to Guest of Honour</i>
9.25am – 10.00am : (25-35 minutes)	Keynote Address Speaker : <i>Title :</i>
10.00am – 10.15am :	<i>Token of Appreciation to Keynote Speaker, Speakers' and Sponsors by the Guest of Honour</i>
10.15am – 10.30am :	<i>Morning Coffee Tea Break</i>
Morning Session 2 Chair :	
Key Theme (1)	<i>Navigating Regulatory Landscapes</i>
10.30am – 10.50am : (20 minutes)	Speaker 1 : Medical Device Authority (MDA), - <i>To Be Confirm</i> <i>Title :</i>
10.50am – 11.10am : (20 minutes)	Speaker 2 : Cawangan Kawalan Amalan Perubatan Swasta (CKAPS) - <i>To Be Confirm</i> <i>Title :</i>
Key Theme (2)	<i>Cutting-Edge Innovations</i>
11.10am – 11.30am : (20 minutes)	Speaker 3: Ministry of Health of Malaysia - <i>To Be Confirm</i> <i>Title :</i>
11.30am – 11.50am : (20 minutes)	Speaker 4 : Pantai Group - <i>To Be Confirm</i> <i>Title :</i>
11.50am – 12.40pm : (50 - 60 minutes)	Panel Discussion 1: (with speaker 1 – 4) Moderator –
12.40pm – 2.00pm :	<i>Exhibition Tour of Engineer 2025 & Lunch Break</i>

SYMPOSIUM PROGRAM

(This Tentative Program might be subject to minor modifications without further notice)

TIME	PROGRAM, SPEAKERS & TOPICS
Afternoon Session 1 Chair :	
Key Theme (3)	Sustainable Healthcare Engineering
2.00pm – 2.20pm : (20 minutes)	Speaker 5 : Mr Saiful Adib bin Abdul Munaff The Malaysian Green Technology and Climate Change Corporation (MGTC) <i>Title : Proposed title to be confirm</i>
2.20pm – 2.50pm : (20 minutes)	Speaker 6: Ms Lee Jia Yi Daikin Malaysia Sales & Service Sdn Bhd <i>Title : Proposed title to be confirm</i>
2.50pm – 3.10pm : (20 minutes)	Speaker 7 : Sedafiat Sdn Bhd <i>Title : Proposed title to be confirm</i>
3.10 pm – 3.50pm : (30 - 40 minutes)	Panel Discussion 2: (with speaker 5 – 7) Moderator –
3.50pm – 4.05pm :	<i>Afternoon Coffee Tea Break</i>
Afternoon Session 2 Chair :	
Key Theme (4)	Collaborative Pathways Forward
4.05pm – 4.25pm : (20 minutes)	Speaker 8 : <i>Title :</i>
4.25pm – 4.45pm : (20 minutes)	Speaker 9 : <i>Title :</i>
4.45pm – 5.05pm : (20 minutes)	Speaker 10 : <i>Title :</i>
5.05 pm – 5.45pm : (30 - 40 minutes)	Panel Discussion 3: (with speaker 8 – 10) Moderator –
5.45pm – 6.00pm :	<i>Token of Appreciation for Afternoon Speakers and Sponsors (for speaker & sponsor who are unable to receive token at the morning session)</i>
6.00pm – 6.15pm :	Closing Remarks by Ir. Al-Khairi Mohd Daud Organising Chairman BSS 2025 & Chairman of BSTD Session 2024/2025

KEYNOTE SPEAKER PROFILE

Pending for confirmation

SYMPOSIUM SPEAKERS PROFILE

1. Key Theme Topic : Navigating Regulatory Landscapes

- Strategies to align engineering advancements with Malaysian regulatory frameworks (PHA, EECA etc) and global standards (MSQH, ISQUA, ISO etc).
- Support from regulatory on changing technologies in healthcare engineering to promote creativity

PHOTO

Speaker 1:

TITLE:

SYNOPSIS:

Speaker 2 :

PHOTO

TITLE:

SYNOPSIS:

SYMPOSIUM SUB – THEME & SPEAKERS

2. Key Theme Topic : Cutting-Edge Innovations

- Emerging technologies (e.g., smart devices, robotics, digital health) reshaping healthcare delivery.
- Case studies of how technologies change patient care

PHOTO

Speaker 3:

TITLE:

SYNOPSIS:

Speaker 4 :

PHOTO

TITLE:

SYNOPSIS:

PHOTO

Speaker 5:

TITLE:

SYNOPSIS:

SYMPOSIUM SUB – THEME & SPEAKERS

3. *Topic : Sustainable Healthcare Engineering*

- Green technologies (e.g., energy-efficient hospitals, recyclable medical devices).
- Lifecycle analysis and eco-design principles for medical innovations.

PHOTO

Speaker 6:

TITLE:

SYNOPSIS:

Speaker 7 :

PHOTO

TITLE:

SYNOPSIS:

PHOTO

Speaker 8:

TITLE:

SYNOPSIS:

SYMPOSIUM SUB – THEME & SPEAKERS

4. Topic : Collaborative Pathways Forward

- Multidisciplinary partnerships to bridge gaps between R&D, regulation, and implementation.
- Policies and incentives to accelerate responsible innovation

PHOTO

Speaker 9:

TITLE:

SYNOPSIS:

Speaker 10 :

PHOTO

TITLE:

SYNOPSIS:



**BUILDING SERVICES
SYMPOSIUM (BSS)
2025**



PARTICIPANT REGISTRATION FORM

Email : shahrul@iem.org.my / syafiq@iem.org.my



**BUILDING SERVICES SYMPOSIUM (BSS) 2025
"INNOVATION IN HEALTHCARE ENGINEERING"
09 SEPTEMBER 2025 @ KUALA LUMPUR CONVENTION CENTRE**

NO.	CATEGORIES	PHYSICAL / VIRTUAL REGISTRATION FEE (RM) (all fees to add SST 6%)		
		PHYSICAL	VIRTUAL	HRDC PRICE ONLY FOR PHYSICAL
1	Student Member	350.00	100.00	
2	Graduate Member	350.00	200.00	
3	Corporate Member	600.00	300.00	670.00
4	Non-IEM Member	900.00	550.00	970.00
Below Registration is STRICTLY by via EMAIL CORRESPONDENCE ONLY				
5	Group Registration (03 – 10 participants)	5% Discount	5% Discount	Not Available
6	Group Registration (11 participants & above)	7% Discount	7% Discount	Not Available
7	AFEO Members	600.00	300.00	
No	Name(s)	Membership No.	Grade	Fee (RM)*
Sub Total				
ALL FEES TO ADD (+ SST 8%)				
TOTAL PAYABLE				

PAYMENT DETAILS :

☐ Cash RM _____

☐ Cheque no. _____ for the amount of RM _____ (non-refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA" and crossed 'A/C Payee Only'.

FULL PAYMENT must be settled before commencement of the seminar, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch (whichever available).

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

Contact Person: _____ Designation: _____

Name of Organization : _____

Address : _____

Telephone No. : _____ (O) Fax No : _____ (O)

Handphone: _____ (HP) Email: _____

Signature & Stamp

Date

Terms & Conditions:

- For **ONLINE REGISTRATIONS**, only **ONLINE PAYMENT** is applicable [via RHB and Maybank2u – Personal Saving & Personal Current ; Credit Card - Visa/Master.

- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK-IN will be considered as NORMAL REGISTRATION
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible to avoid disappointment.

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

Protection Act
I have read and understood the IEM Code of Ethics and the IEM Code of Conduct and I agree to abide by the rules and regulations of my personal data as set out in the IEM Privacy Policy.

SPONSORSHIP FOR EXHIBITION AND ADVERTISEMENT BOOKING FORM

An Event of
use and processing
IEM
CONVENTION

**BUILDING SERVICES
SYMPOSIUM (BSS)
2025**

BUILDING SERVICES SYMPOSIUM (BSS) 2025
“INNOVATION IN HEALTHCARE ENGINEERING”
09 SEPTEMBER 2025 @ KUALA LUMPUR CONVENTION CENTRE

SPONSORSHIP PACKAGES

BSS 2025 offers an excellent opportunity to showcase products and services to a local and international audience of the Building Services Industry. Join us....

Organiser :

Building Services Technical Division (BSTD)
The Institution of Engineers, Malaysia
Bangunan Ingenieur, Lot 60&62, Jalan 52/4,
46720 Petaling Jaya, Selangor Darul Ehsan, MALAYSIA

Event Secretariat :

Ms Shahrul Sulaiman (shahrul@iem.org.my) &
Mr. Syafiq Hamdan (shafiq@iem.org.my)
Tel. No.: +(603) 78900134 / 135

Advertisement Package (Please ADD 8% SST to ALL the prices)

A) Booth Package				
(PLEASE TICK “✓”)				
TYPE OF BOOTH SPONSORSHIP	Platinum	Gold	Silver	Bronze
	RM25,000.00	RM20,000.00	RM17,000.00	RM15,000.00
Company Corporate Logo will be Displayed Throughout the Symposium & Exhibition Promotional Flyers & Advertisement	X	X	X	X
Corporate Promotional Material to be Inserted in Goodie Bags (1 item)	X	X	X	X
Company Logo on Digital Backdrop	X	X	X	-
Acknowledgement of the Company During Symposium & Exhibition Opening Ceremony	X	X	X	X
Acknowledgement in Symposium Booklet (name of company)	X	X	X	X
Top Management for Engineer’s Opening Ceremony (09 Sept 2025)	3	2	1	1
Complimentary Symposium Passes	3	2	1	1
Token and Certificate of Appreciation	X	X	X	X
1x Virtual Talk Session (under IEM)	X	X	X	-
Exhibition Booth				
Number of promotional exhibition booth which will be allocated (3m x 3m)				
1 unit of 3m x 3m Shell Scheme Stand at ENGINEER 2025 (each stand is complete with white melamine dividing panels/ partition, 1 set of company name on fascia board, needle punch carpet, 1 information desk & 2 chairs, 2 units spot light, 1 unit 13 Amp power point, 1 unit waste paper basket)				

B) Advertisement Package					
TYPE OF SYMPOSIUM BOOKLET SPONSORSHIP		Amount (RM)	Complimentary Seat	Acknowledgement in the Conference Booklet	Please tick "✓"
1	Inside front Cover	6000.00	3	✓	NA
2	Outside Back Cover	6000.00	3	✓	NA
3	Inside Back Cover	4500.00	2	✓	NA
4	Run of Page (inside page)	2500.00	1	✓	

TERMS & CONDITIONS

By signing the contract of sponsorship, the Sponsor is deemed to have agreed / given permission to the following:

- ❖ Logo submission for the purpose of marketing and advertising of the conference via digital platform.
- ❖ The Organiser reserves the right to place the logo in any of the marketing collaterals across various platforms (print & digital).
- ❖ **The Sponsor/s will need to submit the required logo, artwork and full payment for any marketing collaterals usage not later than 31st July 2025, in which failure to do so; all sponsorship benefits criteria, logo and advertisement will not be placed.**
- ❖ **All sponsorship contributions are entitled to tax exemption under section 44(6) Income Tax 1967.**
- ❖ **The Organiser reserves the right to change the date and/or venue or to postpone the convention & exhibition due to force majeure at its sole discretion.**

We wish to inform that we would like to sponsor the above-said event as ticked in the box and enclose herewith Banker's Cheque / Local Cheque No.: _____ issued to 'The Institution of Engineers, Malaysia' for the sum of Ringgit Malaysia _____.

SPONSOR/S DETAILS : (Please give correct details and PIC to be contactable. TQ)

Organisation :			
Contact Person :			
Position :			
Billing Address :			
Contact Details :	Office No :		Handphone No :
Email Address :			
Date Submitted :		Signature :	
Company Stamp :			

