MSTC 2025
MALAYSIAN SCIENCE AND TECHNOLOGY CONGRESS

26th Malaysian Science and Technology Congress (MSTC 2025)

Convergence of Life Science, Physical Science, and Engineering for an Integrated Health System

📍 Auditorium MRANTI
Taman Teknologi MRANTI
Bukt Jalil, Kuala Lumpur, MALAYSIA
29 - 30 July 2025

ABOUT MSTC 2025

The 26th Malaysian Science and Technology Congress (MSTC 2025) is a great opportunity to bring together researchers, academicians student professionals, and industry player in science and technology industry to share knowledge and ideas, as well as to discuss the state of the art and future perspectives for improving and developing science and technology industry

THEME

Convergence of Life Sciences, Physical Sciences, and Engineering for an Integrated Health System

CALL FOR PAPERS

Authors are invited to submit ABSTRACT of the paper for oral and poster presentation. Submission of full paper is only necessary for those who wish to publish in the related journals. Submission of abstract and full paper can be made via registration link at http://submit.confbay.com/conf/mstc2025.

SUB-THEME / TOPIC :

Topics of interest for submission include, but not limited to :

Track 1
- ✓ AI and Machine Learning
- ✓ Cancer Research
- ✓ Biomedical Engineering
- ✓ Medical Breakthroughs
- ✓ Mental Health

Track 2
- ✓ Stem Digitalization
- ✓ Biomimicry
- ✓ Medical Technology
- ✓ Ethics in Digital Age
- ✓ Patents Development

PUBLICATION OPPORTUNITIES:

- ▸ The Medical Journal of Malaysia (MJM) - ISSN030-5283
- ▸ Malaysian Society of Parasitology and Tropical Medicine (MSPTM) - e-ISSN2521-9855
- ▸ Journal of Science and Technology in the Tropics
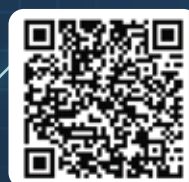- ▸ Book of Abstracts and Proceedings of MSTC2025

IMPORTANT DEADLINES:

Abstract Submission	:	30th June 2025
Notification of Acceptance	:	7th July 2025
Full paper Submission	:	25th July 2025

REGISTER ME

http://submit.confbay.com/conf/mstc2025

MSTC2025 Secretariat:
No. 93C, Jalan Diplomatik
Presint 15, 62050 PUTRAJAYA, MALAYSIA

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Email: secretariat.mstc@gmail.com

REGISTRATION FEE:

The events registration fees will be as follows:

Category		Physical		Virtual	
		Early Bird (31 January 2025)	Normal	Early Bird (31 January 2025)	Normal
Individual		RM500.00	RM600.00	RM400.00	RM500.00
Student/Senior Citizen		RM400.00	RM500.00	RM300.00	RM400.00
International	Individual	USD200.00	USD250.00	USD150.00	USD200.00
	Student	USD150.00	USD200.00	USD100.00	USD150.00

Organiser: COSTAM

Co-Organiser: MRANTI

Partner/Event Manager: WMIT GROUP SDN BHD

Supporters: IEM, mSSAI

For Detail & Registraton: http://submit/confbay.com/conf/mstc2025

MSTC2025

Tentative Programme Schedule

Day 1: 29 July 2025 (Tuesday)	
Time	**Event**
8.00	Registration
9.00	Opening Ceremony - Welcoming Remarks - Opening Speech
10.00	Coffee Break, Poster Session, and Networking
10.30	<u>Keynote Speaker I</u> ***STEM Issues for the Country*** **Pn. Hazami Habib** CEO, Academy of Sciences Malaysia
11.15	<u>Plenary Speaker I</u> ***The Future of Medical Education: AI and Personalised Learning*** **Prof. Dr. Zamberi Sekawi** Deputy Vice Chancellor (Research & Innovation), Universiti Putra Malaysia (UPM)

Parallel Session 1

	Physical Mode		Virtual Mode	
	Room A	Room B	Room 1	Room 2
	Track 1	Track 2	Track 1	Track 2
11.45	- AI and Machine Learning - Cancer Research - Biomedical Engineering - Medical Breakthroughs - Mental Health	- Stem Digitalization - Biomimicry - Medical Technology - Ethics in Digital Age - Patents Development	- AI and Machine Learning - Cancer Research - Biomedical Engineering - Medical Breakthroughs - Mental Health	- Stem Digitalization - Biomimicry - Medical Technology - Ethics in Digital Age - Patents Development

Time	Event			
13.00	Lunch Break			
14.30	<u>Plenary Speaker II</u> ***Biology, Biomimicry to Machine Learning*** **Prof. Ir. Dr. Ruslan Hassan** Senior Professor, Kulliyah of Engineering, International Islamic University Malaysia (IIUM)			

Parallel Session 2

	Physical Mode		Virtual Mode	
	Track 1	Track 2	Track 1	Track 2
15.00	- AI and Machine Learning - Cancer Research - Biomedical Engineering - Medical Breakthroughs - Mental Health	**Lead Speaker II** ***Genius: Gifted or Created*** **Prof. Dr. Kim Kah Hwi** Vice President, MSSA	- AI and Machine Learning - Cancer Research - Biomedical Engineering - Medical Breakthroughs - Mental Health	- Stem Digitalization - Biomimicry - Medical Technology - Ethics in Digital Age - Patents Development
15.30		- Stem Digitalization - Biomimicry - Medical Technology - Ethics in Digital Age - Patents Development		
13.00	Coffee Break & Adjourn Day 1			

Day 2: 30 July 2025 (Wednesday)

Time	Event			
8.00	Registration			
8.45	Keynote Speaker II ***Tobacco Control in Malaysia*** **Professor Datuk Dr. Lekhraj Rampal A/L Gyanchand Rampal** Professor, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia (UPM)			
9.30	Plenary Speaker III (TBC) ***Biomedical Engineering Breakthroughs*** **Prof. Dato' Ir. Dr. Mohammed Rafiq Bin Dato' Abdul Kadir** Professor, Faculty of Engineering, Universiti Malaya			
10.00	Coffee Break, Poster Session, and Networking			

Parallel Session 3

Time	*Physical Mode*		*Virtual Mode*	
	Track 1	Track 2	Track 1	Track 2
10.30	- AI and Machine Learning - Cancer Research - Biomedical Engineering - Medical Breakthroughs - Mental Health	- Stem Digitalization - Biomimicry - Medical Technology - Ethics in Digital Age - Patents Development	- AI and Machine Learning - Cancer Research - Biomedical Engineering - Medical Breakthroughs - Mental Health	- Stem Digitalization - Biomimicry - Medical Technology - Ethics in Digital Age - Patents Development

Time	Event			
12.30	Lunch Break			
14.15	Keynote III ***AI and Automation in Future Medical Treatment*** **Mr. Ravin Charan Suri** Co – Founder, EZ Cute Robots Sdn Bhd			

Parallel Session 4

Time	*Physical Mode*		*Virtual Mode*	
	Track 1	Track 2	Track 1	Track 2
15.00	- AI and Machine Learning - Cancer Research - Biomedical Engineering - Medical Breakthroughs - Mental Health	- Stem Digitalization - Biomimicry - Medical Technology - Ethics in Digital Age - Patents Development	- AI and Machine Learning - Cancer Research - Biomedical Engineering - Medical Breakthroughs - Mental Health	- Stem Digitalization - Biomimicry - Medical Technology - Ethics in Digital Age - Patents Development

Time	Event			
16.00	Closing Ceremony - Best Paper Awards - Closing Speech - Coffee Break & End of MSTC2025			

INTEGRATING DIGITALISATION KNOW-HOW FOR STEM TEACHERS

Auditorium MRANTI
Taman Teknologi MRANTI
Bukt Jalil, Kuala Lumpur, MALAYSIA
31 July 2025
9.00am - 5.00pm

About the Workshop

This program is designed to equip STEM teachers with essential digitalization knowledge through immersive sessions led by the industry expert. The focus is on enabling educators to understand, experience, and eventually integrate cutting-edge digital technologies in their classroom practices. By doing so, teachers can make STEM education more relevant, current, and inspiring-preparing students for emerging careers in a digitally driven world.

Modules

1. 3D Printing
2. Augmented Reality (AR) & Virtual Reality (VR)
3. AI-Assisted Coding & Gamification

Trainers Profile

Mr. Benjamin

Benjamin's dedication to education and his ability to translate complex technologies into practical classroom applications make him a sought-after speaker and trainer for STEM educators. He has engaged with educators, industry professionals, and the public through platforms such as IPMEX Malaysia 2024, where he shared insights into the future of 3D printing and its role in Malaysia's digital transformation. Benjamin will guide STEM teachers through the essentials of 3D printing, share hands-on applications for classroom integration, and provide actionable insights into fostering innovation through maker education

Mr. Ariff

Mr. Ariff brings a unique combination of industry experience and technical expertise to the field of immersive technology training. With a solid foundation in engineering and a specialization in digital transformation, he supports organizations in leveraging cutting- edge technologies to improve project delivery, visualization, and collaboration. He is a certified HRD Corp Train-The-Trainer and an Unreal Authorized Instructor, and has designed and delivered technical training programs for professionals across various disciplines. His training methodology combines real-world industry context with hands-on technical instruction, ensuring participants gain practical skills applicable to their daily work.

Mr. Nathaniel

Mr. Nathaniel is an educational technology strategist and practitioner with a strong background in pedagogy and a forward-looking approach to integrating emerging technologies in learning environments. His work focuses on designing inclusive, immersive, and engaging learning experiences that leverage the latest tools in AI-assisted gamification, AR/VR, and game-based learning. With a foundation in instructional design and educational innovation, Nathaniel supports schools, educators, and training organizations in adopting technology that aligns with sound pedagogical principles. He brings both technical acumen and classroom sensitivity to his engagements—ensuring technology is not just implemented, but implemented effectively.

Registration Fee:

- **RM150/Participant – Physical**
  ###Limited for 25 participants ONLY)

Register me

https://forms.gle/4zgHUtkmxay96n6H9