



UNIVERSITI
MALAYA



UMRIIS 2025

**22-23
OCT 2025**

UNIVERSITI
MALAYA
RESEARCH,
INNOVATION AND
INDUSTRY SUMMIT
2025

DEWAN TUNKU CANSELOR
UNIVERSITI MALAYA

**“ Inspiring Research
Advancing Collaboration
Transforming Impact ”**





ASPIRATIONS OF THE *VICE-CHANCELLOR*

Assalamualaikum warahmatullahi wabarakatuh.

It gives me great pleasure to welcome all distinguished guests, partners, researchers, and students to the Universiti Malaya Research, Innovation and Industry Summit (UMRIIS) 2025.

UMRIIS 2025 reflects Universiti Malaya's unwavering commitment to advancing knowledge, fostering innovation, and driving national progress through impactful collaborations. As Malaysia's premier research university, Universiti Malaya continues to champion excellence by creating platforms that connect academia, industry, and the community, as we move forward in advancing the cause of humanity and creating a new dawn of progress for the world. UMRIIS 2025 exemplifies this spirit by bringing together researchers, students, and others with the relentless pursuit of excellence. This is vital in empowering partners from diverse sectors to explore new frontiers of discovery and innovation with the common aspirations of advancing the new generations and creating a better tomorrow.



Through this biennial summit, we reaffirm our mission to translate research into real-world solutions, empower the next generation of scholars, and strengthen Universiti Malaya's role as a catalyst for sustainable and inclusive development, both locally and globally, and in bringing positive changes to the people and their lives.

Together, let us all propel Universiti Malaya beyond boundaries in shaping the future through our joint synergy and commitment in bringing a new brand new hope of renewal and rejuvenation to the global community and the world in the future.

Professor Dato' Seri Ir. Dr. Noor Azuan Abu Osman

Vice Chancellor
Universiti Malaya



VISION OF THE *DEPUTY VICE-CHANCELLOR (RESEARCH & INNOVATION)*

Assalamualaikum warahmatullahi wabarakatuh.

Welcome to Universiti Malaya Research, Innovation and Industry Summit 2025 (UMRIIS 2025).

Today, we stand at the crossroads of knowledge, innovation, and purpose — where ideas meet impact, and research transforms lives. UMRIIS 2025 theme, “Inspiring Research, Advancing Collaboration, Transforming Impact,” captures not only our ambition but our shared commitment to build a future shaped by discovery, partnership, and meaningful change.

It continues Universiti Malaya’s mission to strengthen the research and innovation ecosystem through strategic collaborations with diverse stakeholders. As a biennial event, UMRIIS 2025 serves as a premier platform to showcase research achievements, empower postgraduate students and bridge academia with industry. With the active participation of researchers, students and industry partners, UMRIIS 2025 creates opportunities for the exchange of ideas, technology transfer and competitive solutions that deliver real impact to society.



We are confident that UMRIIS 2025 will not only reinforce UM’s global reputation but also serve as a catalyst for nurturing future leaders who are innovative, resilient and competitive. It is with great pleasure that we welcome all participants to UMRIIS 2025 and invite you to be part of this transformative journey.

Professor Ir. Dr. Kaharudin Bin Dimiyati

Deputy Vice-Chancellor (Research & Innovation),
Universiti Malaya
Chairman UMRIIS 2025



OBJECTIVES

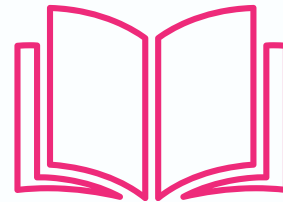


OBJECTIVE 1

**TO CULTIVATE A DYNAMIC,
COLLABORATIVE ECOSYSTEM**
THAT BRIDGES THE GAP
BETWEEN INDUSTRY LEADERS,
ACADEMICS, AND THE
RESEARCH COMMUNITY.

OBJECTIVE 2

**TO PROMOTE AND CELEBRATE
PIONEERING RESEARCH**
WITH TANGIBLE APPLICATIONS
FOR SOLVING COMPLEX,
REAL-WORLD PROBLEMS.



OBJECTIVE 3

TO PROVIDE A PLATFORM
FOR RESEARCHERS TO BECOME
DRIVERS OF INNOVATION AND
MENTORS WHO SHAPE FUTURE
LEADERS



HIGHLIGHTS

1. EXPERT KEYNOTES

Hear from global leaders in AI and Semiconductor Technologies, shaping the future of innovation and sustainability.

2. INDUSTRY DIALOGUES

Join an engaging Fireside Chat with top industry experts & research pioneers.

3. INNOVATION SHOWCASE

Experience dynamic Business Matching Sessions connecting university innovations and startups with industry partners to accelerate commercialization and real-world impact.

4. POSTGRADUATE RESEARCH CONFERENCE INTRAC 2025

Explore 1,000+ transdisciplinary research posters and presentations by national and international participants, showcasing innovative findings and collaborative approaches across multiple disciplines.

5. STRATEGIC NETWORKING

Connect with over 2000 participants from academia, industry, NGOs & government.

6. HEALTH & MEDTECH FOCUS

Driving health innovation through business matching, cutting-edge technologies, & a thriving MedTech ecosystem.

7. GLOBAL IMPACT

Contribute to over 1,000 targeted Scopus-indexed publications

PROGRAM SCHEDULE



WEDNESDAY
22 OCTOBER 2025

08:00 - 09:00

Registration & Opening of the Exhibition

09:00 - 09:15

Opening Ceremony

09:15 - 09:25

Keynote Speech by Datuk Pua Khein-Seng, CEO, Phison Electronics Corporation

09:25 - 10:00

Morning Keynote: Unlocking Semiconductor Innovation for Industry

10:00 - 10:40

Fireside Chat 1:

Culture, Communication, and Connection:
Reimagining Social Science Partnerships for Impact

10:40 - 11:00

Morning Break & Networking Session

11:00 - 11:40

Fireside Chat 2:

Catalyzing Innovation: Building Strategic University-
Industry Partnerships

11:40 - 12:30

Fireside Chat 3:

Fueling University Startups: Real Support or Empty
Talk?

**INTRAC 2025
Poster
Presentation
Session 1**

12:30 - 14:00

Exhibition Site Visit & Lunch Break

14:00 - 14:20

Business Matching Day

'Medical Technology, Pharmaceutical & Life Sciences'
Commercialisation Route for Medical Device

14:20 - 15:20

Business Matching Pitch (4 Projects)

15:20 - 15:40

Commercialization Regulatory Route for
Pharmaceutical Regulatory Agency (NPRA)

15:40 - 16:40

Business Matching Pitch (3 Projects)

16:40 - 17:00

Navigating the Innovation Funding Ecosystem

**INTRAC 2025
Poster Presentation
Session 2**

**Oral Presentation
Session 1 & 2**

*** Business Matching Day Showcase & Exhibition
(9:00 - 17:00)**

17:00

Afternoon Tea & End of Day 1

Open Exhibition - Dewan Tunku Canselor (DTC)

Zone A (INTRAC 2025) - Poster Presentation

Zone B (Innovation Expo) - Researcher & Academics

Zone C (UM Economic Catalyst) - UM Startup / UM Research Commercialization / Main Sponsor



PROGRAM SCHEDULE



THURSDAY
23 OCTOBER 2025

8:00 - 09:00	Registration & Opening of the Exhibition	
9:00 - 12:00	UM Deep Tech Challenge Competition Final	INTRAC 2025 Poster Presentation Session 3
12:00 - 13:45	Lunch and Networking Session	
CLOSING CEREMONY		
13:45 - 14:00	VIP Arrival & Official Photo Session	
14:00 - 14:05	Singing of the National Anthem	
14:05 - 14:10	Prayer Recital	
14:10 - 14:15	Opening Performance	
14:15 - 14:20	Welcoming Speech	
14:20 - 14:30	Montage Presentation	
14:30 - 14:35	Closing Ceremony Speech	
14:35 - 14:40	Gimmick	
14:40 - 15:40	Awards Giving Ceremony	
15:40 - 16:00	Exhibition Visit	
16:00	Afternoon Tea and End of Program	





ORGANIZING COMMITTEE

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Prof. Dato' Seri. Ir. Dr. Noor Azuan Bin Abu Osman

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Assoc. Prof. Dr. Raida Abu Bakar

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Dr. Faiz Baharudin



UMRIIS LAYOUT

FOYER

Industry and Strategic Partners

ZONE A

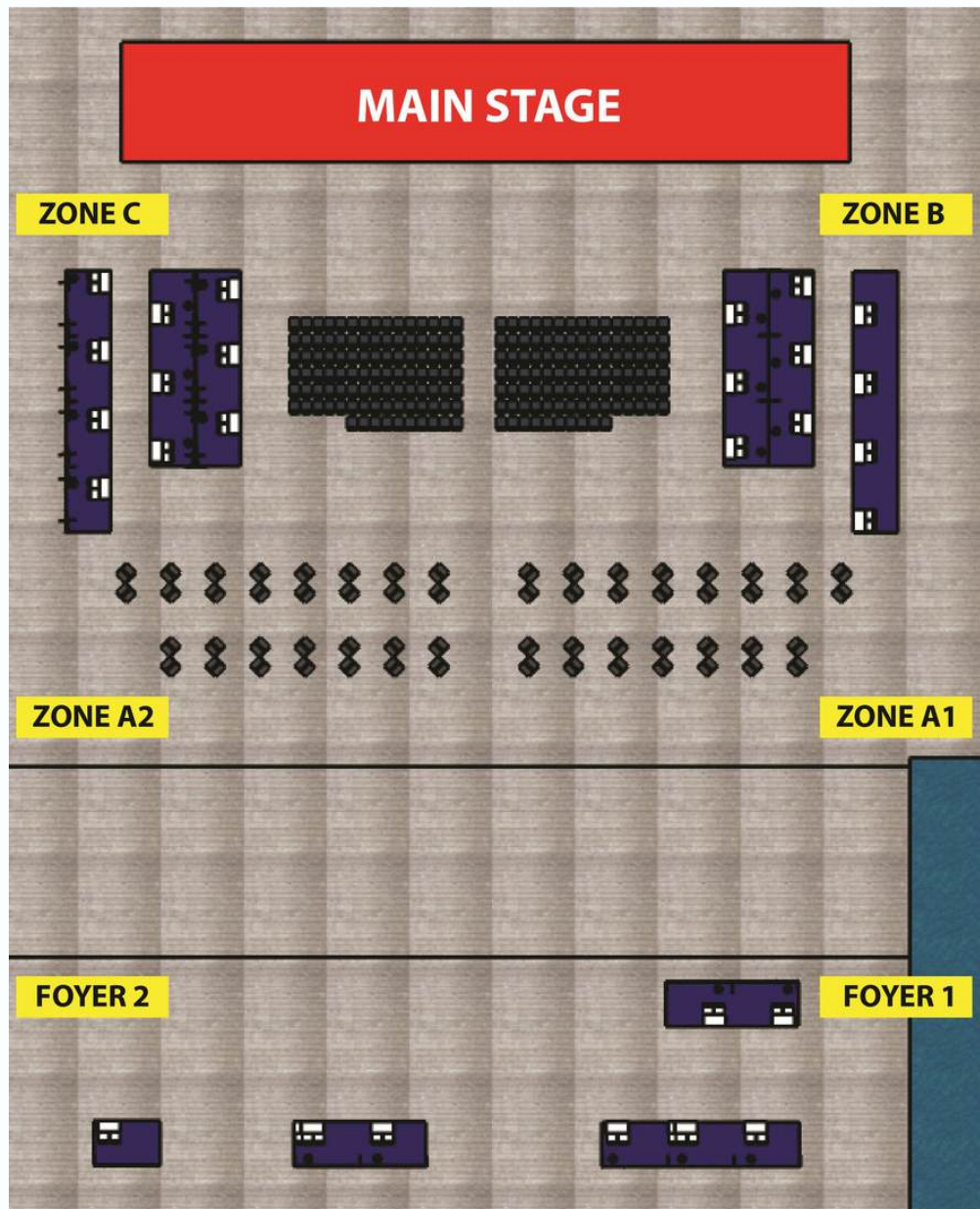
INTRAC 2025 Digital Poster Presentation

ZONE B

UM Start-up Up & IP Showcase

ZONE C

Commercialization Ecosystem



ORGANIZED BY
Office of Deputy Vice Chancellor
(Research & Innovation)
Universiti Malaya



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For enquiry about **UMRIIS** please contact
intrac@um.edu.my.
More information on
<https://umevent.um.edu.my/UMRIIS2025>