

Institute for
Advanced Studies (IAS)

.... I am the Professor & Laureate of tomorrow

WELCOME

New Postgraduate Students

Best wishes



INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies



A member of



INTRODUCTION

Institute for Advanced Studies (IAS)

Professor Dr. Ramesh T. Subramaniam
Dean

Home of the Bright, Land of the Brave
Di Sini Bermulanya Pintar, Tanah Tumpahnya Berani

www.um.edu.my



<https://ias.um.edu.my>

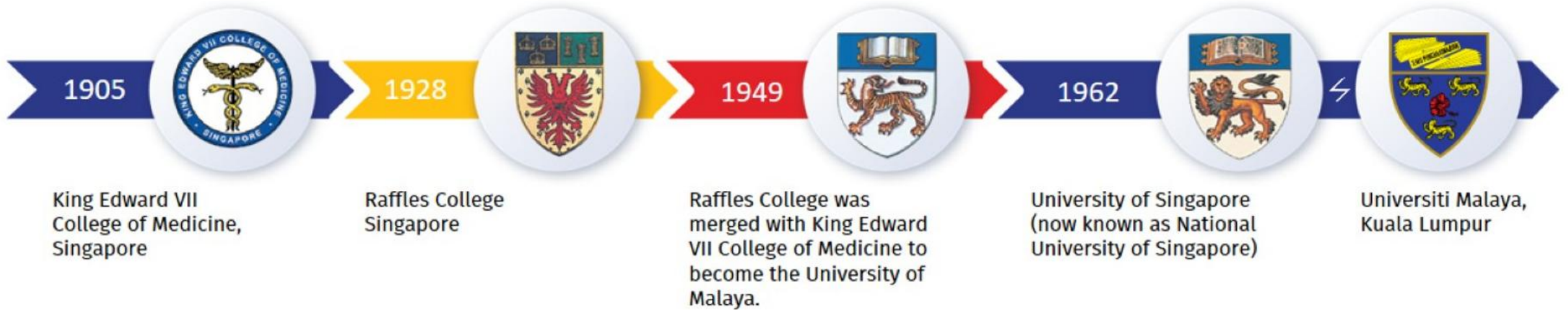


ias_um



UNIVERSITI
MALAYA

UM History



The King Edward VII College of Medicine was founded in 1905 to train the first Malaysian (Malayan) doctors. The College later became known as the University of Malaya in Singapore.



The Universiti Malaya, **Kuala Lumpur campus** was established in **1959**. The **University Hospital** was opened in **1968**.

UM and Global Standing

-Universiti Malaya (UM) ranked **201–250** in **THE World University Rankings 2026**, moving up from **251–300**.

-Positioned in the **Top 10%** of **2,191 global universities**.

-**Ranked No.1 in Malaysia**, sharing the top position among 27 local universities.

-**Strongest pillar: International Outlook** — ranked **107th**, up **37 places**.

-Significant improvements in:

Teaching, Research Environment, Research Quality, Industry

“This achievement is more than just a number, it reflects the dedication, resilience, and collective efforts of our entire university community. While rankings are not our driving force, this recognition reaffirms our commitment to creating relevance, shaping future-ready graduates, and delivering impactful contributions to society through education and research, both locally and globally.”



Vice-Chancellor,
Professor Dato' Seri Ir. Dr. Noor Azuan Abu Osman





Congratulations

UNIVERSITI MALAYA

QS World University Rankings 2026

Highest-ever Position in History

No.1 in Malaysia for
5 out of 9 indicators

- Academic Reputation
- Employer Reputation
- Employment Outcomes
- International Research Network
- Sustainability

58

out of 8,467
evaluated
institutions

60
2025

65
2024

70
2023



Times Higher Education
Impact Rankings

Congratulations

for being ranked in THE Impact Ranking 2025

25th

OUT OF 2,318

2025

2024

25th
OUT OF 2,318

2023

101-200
OUT OF 1,705

63rd
OUT OF 1,963

17 PARTNERSHIPS
FOR THE GOALS



RANKED 1ST

The best performing SDG's in the World

1 NO
POVERTY



RANKED 4TH

11 SUSTAINABLE CITIES
AND COMMUNITIES



RANKED 7TH

15 LIFE
ON LAND



RANKED 12TH



UNIVERSITI
MALAYA

IAS in Brief | The Evolution

1979

Institut Pengajian Tinggi
Institute of Advanced Studies

Note: IAS was established by the Royal Prof. Ungku Aziz
3rd UM Vice-Chancellor (1968 to 1988)

1997 - 2000

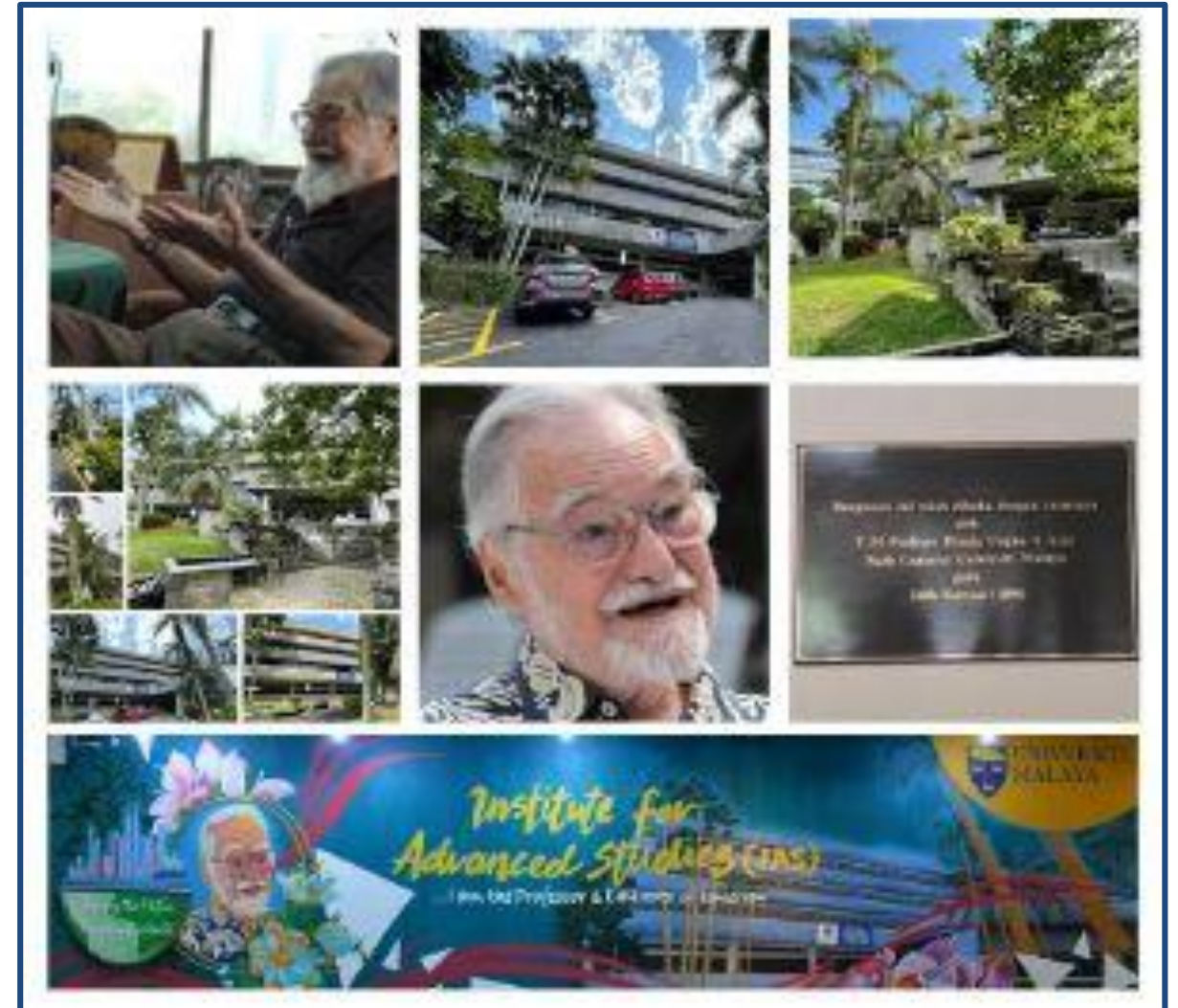
Institut Pengajian Siswazah & Penyelidikan
Institute of Graduate Studies & Research

2008

Institut Pengajian Siswazah
Institute of Graduate Studies

2018 to date

Institut Pengajian Termaju
Institute for Advanced Studies





- Institute for Advanced Studies (IAS) **is the central platform for multidisciplinary academic and research programmes** at Universiti Malaya.



- Promotes research aligned with the university's strategic guiding themes and supporting multidisciplinary research ideas.
- Provides opportunity to pursue stackable credentials to complete an interdisciplinary Masters degree programme.



- Dedicated to the advancement of early career researchers (the Professors and Laureate of tomorrow) and the creation of opportunities, networking and collaborations.
- Attracts national emeriti and international visiting scholars to UM and integrates them into the University's academic community.

Our Purpose

IAS Main Functions

 **01**

To develop, offer and manage academic programs that are multidisciplinary / interdisciplinary in collaboration with other Academic PTj and Higher Institution Centre of Excellence (HICoE) and UM Center of Excellence (UMCoE)

 **02**

To develop and manage new academic programs for staff empowerment and research capacity development programs which lead to certification especially for the Early Career Researchers.

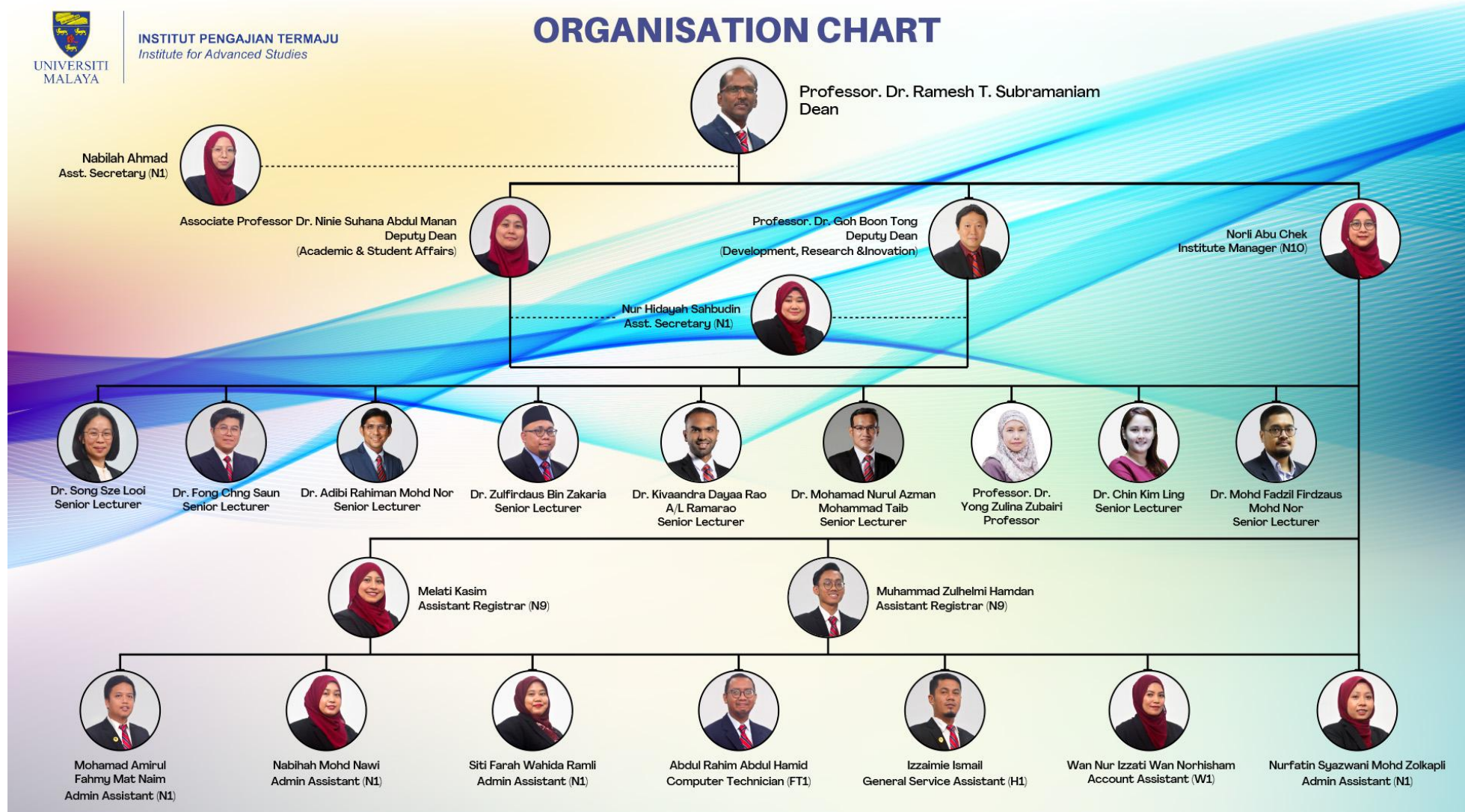
 **03**

Coordinator for academic programs in Degree Stacking and General Studies.

 **04**

To forge international collaboration through multidisciplinary / interdisciplinary collaborative programs, especially through dual PhD programs.

IAS Organisation Chart



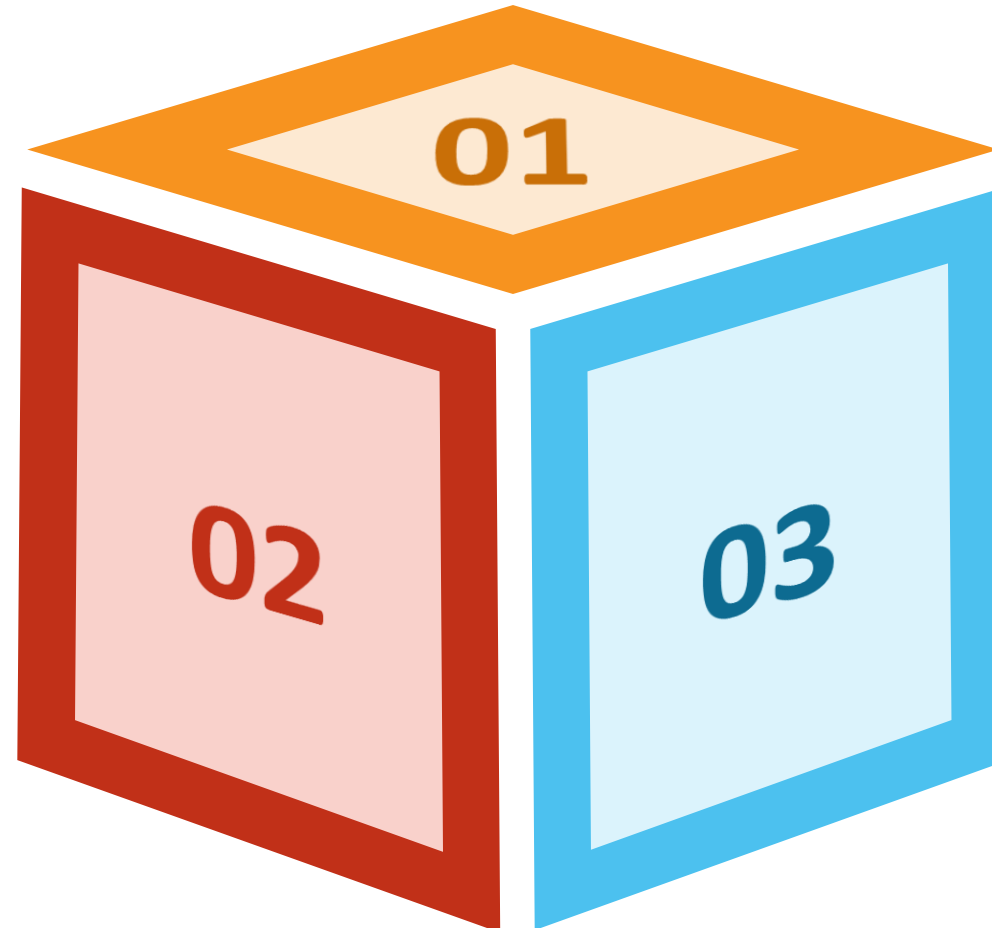
Definition of Multidisciplinary in IAS Academic/Research Programmes

1

Multidisciplinary (cross-disciplinary) research is required when a field of study, a topic or a problem of research crosses the borders of disciplines (and faculties), as traditionally subjects indicate independent bodies of knowledge.

2

It is also a research approach in which the tools of different sciences (i.e. systematic organization of knowledge) and disciplines are utilised to explain the issue under study, as a means to bridge gaps in problem-solving that result from disciplinary specialisation.



3

The interdisciplinary/ multidisciplinary areas drawn from IAS research programmes are as follows:

- Biodiversity and conservation
- Biosafety and biosecurity
- Nanoscience and nanotechnology
- Natural resource management
- Ocean and earth sciences
- Photonics sciences
- Renewable and sustainable energy
- Arts & Humanities
- Social Sciences
- Sciences
- Interdisciplinary

Our Partners [Master | MPhil | PhD]

19

Academic PTjs

5

Higher Institution
Centre of Excellence
(HICoE)

1

UM Center of
Excellence (UMCoE)

- UM Power Energy Dedicated Advanced Centre (UMPEDAC)
- Photonic Research Centre (PRC)
- Institute of Ocean and Earth Sciences (IOES)
- Tropical Infectious Diseases Research & Education Centre (TIDREC)
- Nanotechnology & Catalysis Research Centre (NANOCAT)
- Centre for Research in Biotechnology for Agriculture (CEBAR)



INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies



Swinburne University of
Technology
(Dual PhD Programme)



Kyoto University
(Dual Master
Programme)



Master of
Philosophy

ACADEMIA - INDUSTRY COLLABORATION



PHOTONIC RESEARCH CENTRE (PRC) TEAM



INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies



II-VI AND COHERENT ARE NOW ONE
COMPANY, COHERENT.

PROGRAM: MASTER OF PHILOSOPHY

DURATION: MIN 2 SEM | MAX 3 SEM

INTAKE: SEM 1 2022/2023

NO OF CANDIDATES: 35

NO. OF UM SUPERVISORS: 16

RESEARCH AREAS:

Process Engineering | Product Engineering |

Project Management | Quality Assurance |

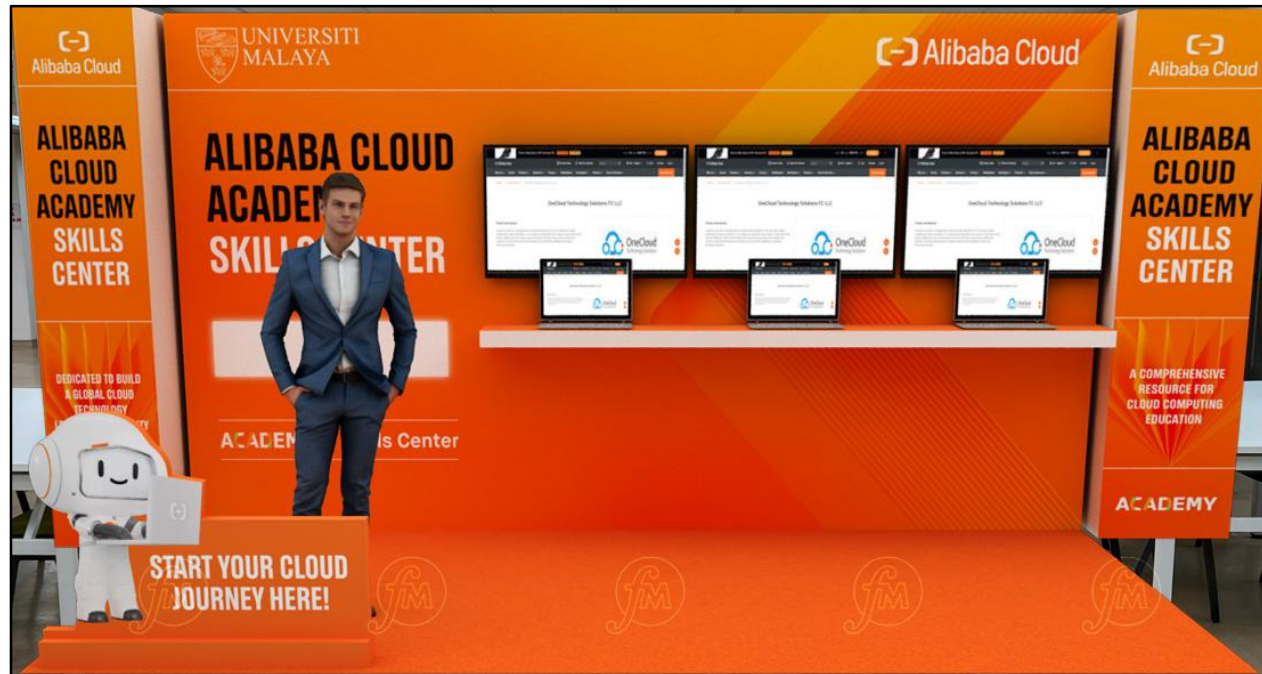
Software Engineering | Technology |

Test Engineering

ACADEMIA - INDUSTRY COLLABORATION



Skill Centre (Level 3, Main Library UM)



Internship Program



UNIVERSITI MALAYA Alibaba Cloud

Shine as a **FUTURE STAR**
with Alibaba Cloud's Global Business
Internship Program

OPEN POSITION

- Business Development Executive (BDE)
- Technical Assistant Manager (TAM)
- Solutions Architect (SA)
- Customer Success Manager (CSM)
- Telesales

WHAT WE OFFER

- 1 month off job training
- Long-term commitment
- 1-1 mentor and practice
- Competitive compensation & opportunities for professional growth

Be the Rising Star of **TOMORROW'S DIGITAL LANDSCAPE** with Alibaba Cloud!

READY TO IGNITE YOUR CAREER?
Please submit your application and your resume to email address:
csx01897646@alibaba-inc.com

QR CODE Scan the QR code for more detailed information of applied positions.

We are scouting for ambitious, globally-minded interns who can bring fresh perspectives and innovative thinking to our rapidly expanding international operations.

Current Academic Program (630 active students)

01

Full Research Program

Master of Philosophy (145)

Doctor of Philosophy (413)

02

Coursework Program

Master of Renewable Energy (64)

Master of Agriculture Biosecurity (1)

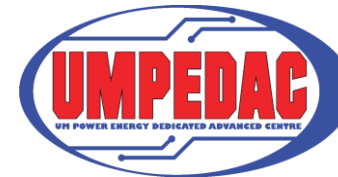
Master of Advanced Studies (1)

03

Mixed Mode

Master of Applied Sciences (Nanotechnology)

(6)



Higher Institution
Centre of Excellence (HICoE)



Centre for Research in
Biotechnology for
Agriculture

Universiti Malaya
Centre of Excellence (UMCoE)



New Academic Program

Coursework

Master of Advanced Studies
[Intake Sem II, 2024/2025]



1. A non-consecutive programme tailored for "specific groups of working professionals with well-defined needs for advanced degree work" or postgraduate degree.

2. Advanced studies programme tend to be interdisciplinary and focused toward meeting the needs of professionals rather than academics.

3. Enable to deepen and extend professional skills or set the stage for a new direction in respective professions.

IAS FACILITIES



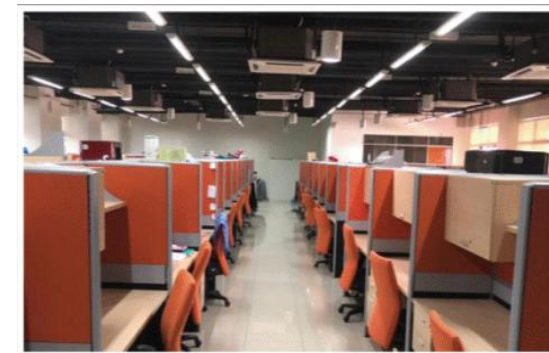
**AUDITORIUM
LEVEL 4, BLOCK D
Max Capacity : 30 pax**



**SEMINAR ROOM
LEVEL 1, BLOCK C
Max Capacity : 120 pax**



**RESEARCH NEST
LEVEL 1, BLOCK D
Max Capacity : 100 pax**



**AKAR
LEVEL 3, BLOCK C
Max Capacity : 80 pax**

IAS FACILITIES



AKASIA ROOM
LEVEL 1, BLOCK B
Max Capacity : 120 pax



JASMINE ROOM
LEVEL 4, BLOCK D
Max Capacity : 30 pax



CUBE 1
LEVEL 4, BLOCK D
Max Capacity : 50 pax

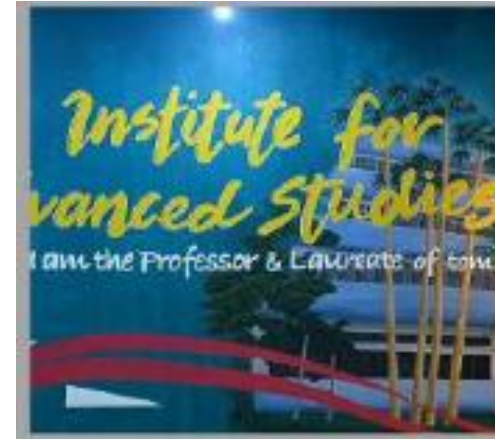


CUBE 2
LEVEL 2, BLOCK D
Max Capacity : 50 pax

IAS FACILITIES



**COMPUTER LAB
LEVEL 2, BLOCK D
Max Capacity : 25 pax**



**THE MURAL @ IAS
LEVEL 1, BLOCK B
Max Capacity : 100 pax**



**ANGGERIK
MEETING ROOM
LEVEL 3, BLOCK D
Max Capacity : 50 pax**



**AZALEA
MEETING ROOM
LEVEL 3, BLOCK D
Max Capacity : 20 pax**

AKAR (co-working space) @ IAS



ONLINE BOOKING
<http://tinyurl.com/IASakar>



24/7
OPERATION

AKAR
CO WORKING SPACE

Block C, Level 3,
Advanced Studies Complex,
Universiti Malaya

Open To All UM
Active Students

Rental Fees
@ RM30/ per month

Admin Fees @ RM20

Conductive Study
Environment

Connected
To UM Wifi

MORE INFO
03 7967 4440/ 4600
<https://ias.um.edu.my>
@ias_um



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