



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



ias.um.edu.my



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KOMPLEKS PENGAJIAN TERMAJU
Advanced Studies Complex

INTRODUCTION

Institute for Advanced Studies (IAS)

Professor Dr. Ramesh a/l T. Subramaniam
Dean

Serving the Nation. Impacting the World.



INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies



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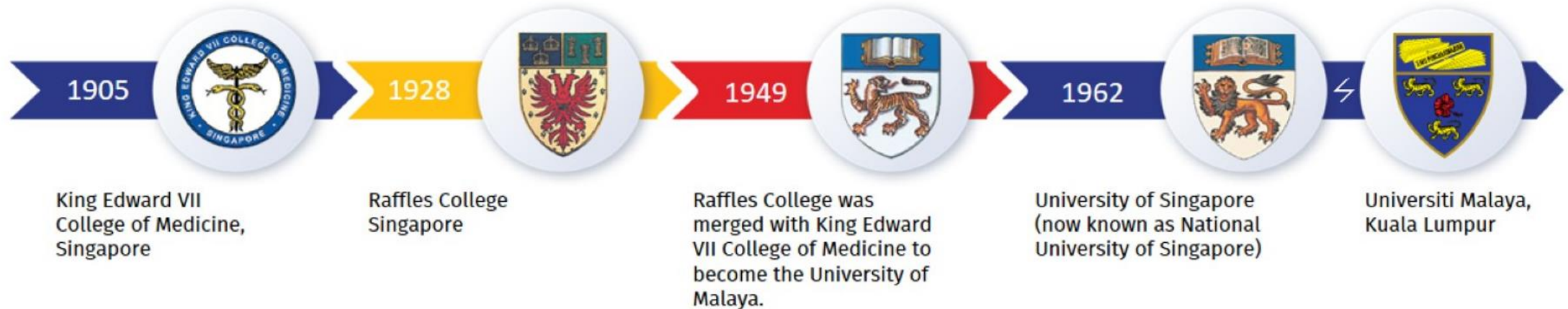


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[ias admin](#)

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**.

IAS in Brief I 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

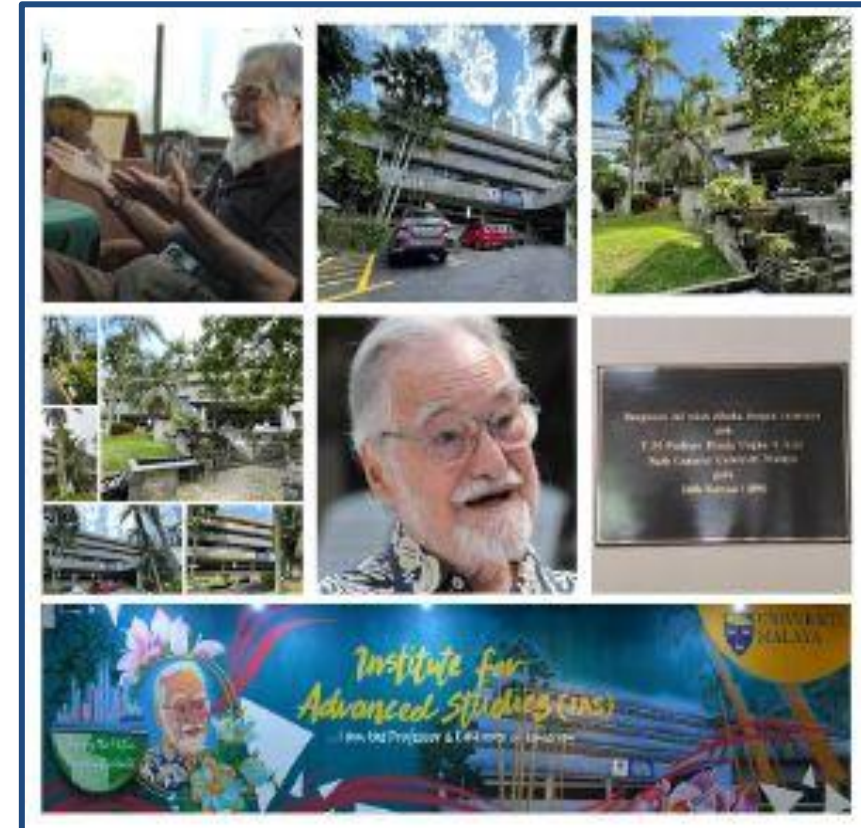
Institut Pengajian Siswazah

Institute of Graduate Studies

2018 to date

Institut Pengajian Termaju

Institute for Advanced Studies



Our Purpose

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

It promotes research aligned with the university's strategic guiding themes, supporting multidisciplinary research ideas. The Institute provides opportunity to anyone to pursue stackable credentials to complete an interdisciplinary Masters degree programme.

The Institute is especially dedicated to the advancement of early career researchers (the Professors and Laureate of tomorrow) and the creation of opportunities, networking and collaborations. The Institute attracts national emeriti and international visiting scholars to UM and integrates them into the University's academic community.

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.

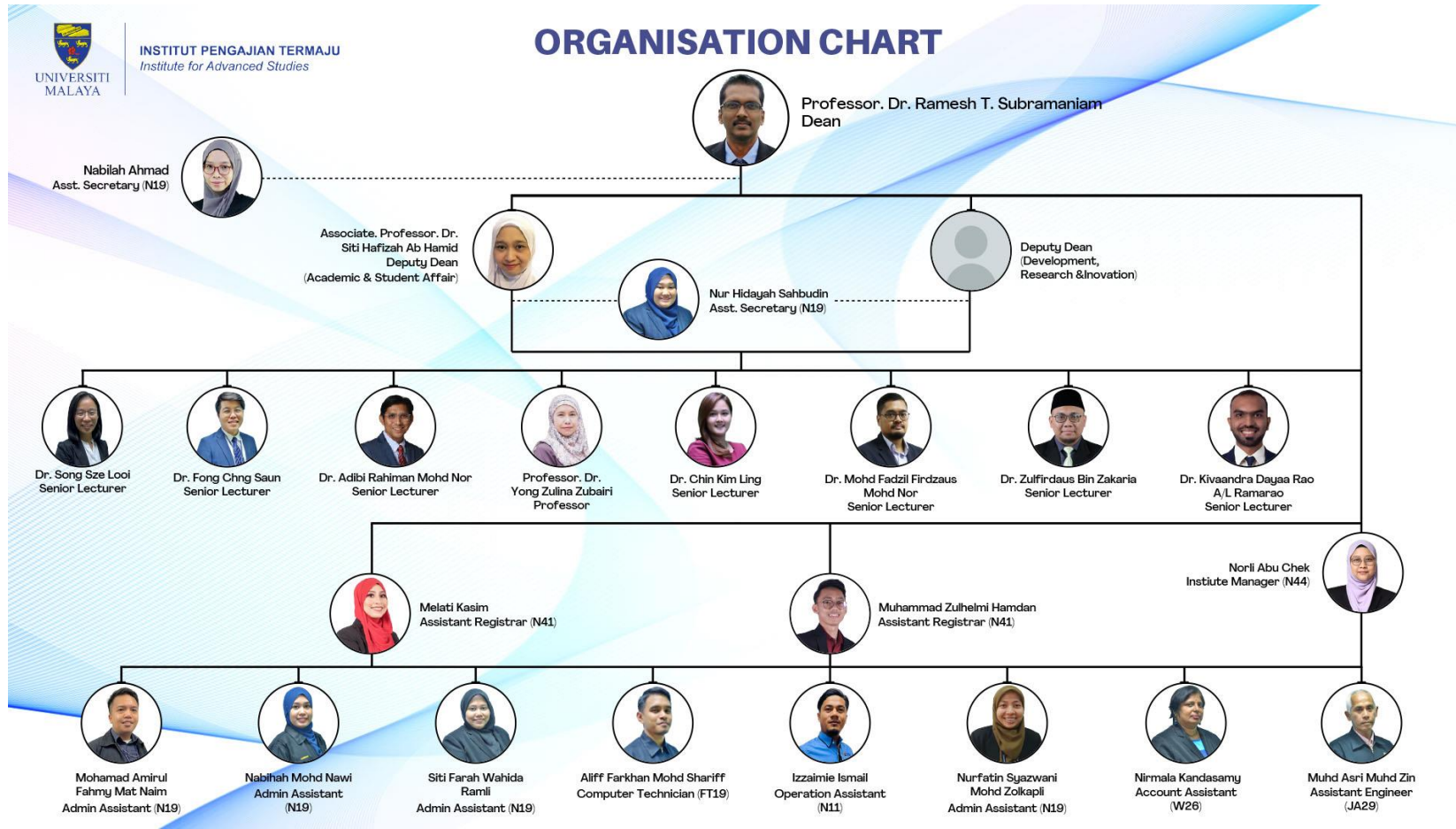
03

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



IAS Board Members 2024
11 members

IAS Academic Advisory Committee
Committee 2024
41 members

Honorary Professors (4)

Adjunct Professor (2)

Visiting Profesor (1)

Definition of Multidisciplinary in IAS Academic/Research Programmes

01

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.

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.

02**03**

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

4

Higher Institution
Centre of Excellence
(HICoE)

- 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)

2

UM Center of
Excellence (UMCoE)

- 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 I MAX 3 SEM
INTAKE: SEM 1 2022/2023
NO OF CANDIDATES: 35
NO. OF UM SUPERVISORS: 16
RESEARCH AREAS:
Process Engineering I Product Engineering I
Project Management I Quality Assurance I
Software Engineering I Technology I
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 (529 active students)

01

Full Research Program

Master of Philosophy (154)

Doctor of Philosophy (316)

02

Coursework Program

Master of Renewable Energy (55)



Higher Institution
Centre of Excellence (HICoE)

03

Mixed Mode

Master of Applied Sciences (Nanotechnology)

(4)



New Academic Program

01

Coursework

Master of Agricultural Biosecurity
[Intake 2023/2024]



Centre for Research in
Biotechnology for
Agriculture

Universiti Malaya
Centre of Excellence (UMCoE)

02

Coursework

Master of Advanced Studies
[Intake 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.

Potential Academic Program (in progress)

01

Coursework
Master of Planetary Health



02

Coursework
Master of One Health
In Infectious Diseases



Higher Institution
Centre of Excellence (HICoE)

03

Coursework
Master of Ocean & Earth Sciences



Higher Institution
Centre of Excellence (HICoE)

IAS FACILITIES



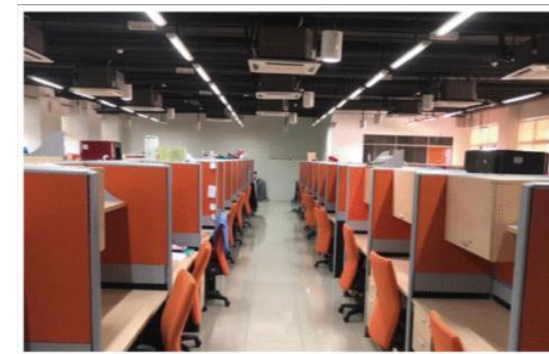
**AUDITORIUM
LEVEL 4, BLOCK D
Max Capacity : 30 pax**



**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**

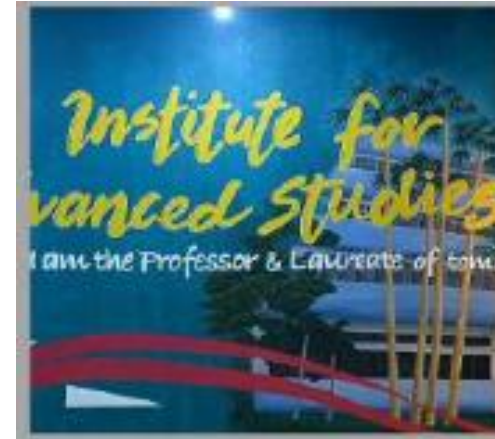


**CUBE 2
LEVEL 2, BLOCK D
Max Capacity : 50 pax**

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

UNIVERSITI
MALAYA

INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies

More information:

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

03 7967 4440/4600

AKAR
CO WORKING SPACE

ONLINE BOOKING

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

- ✓ Conductive study environment
- ✓ Open to all UM active students
- ✓ Connected to UM Wifi
- ✓ Rental fees @ RM 30/ per month
- ✓ Admin fees @ RM20

More information:

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INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies

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