

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>

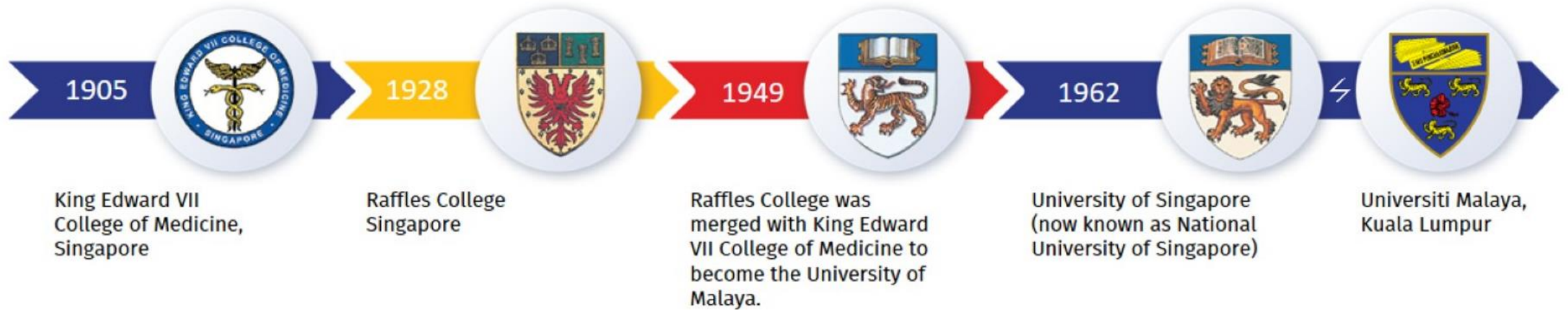


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UNIVERSITI
MALAYA

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**.

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

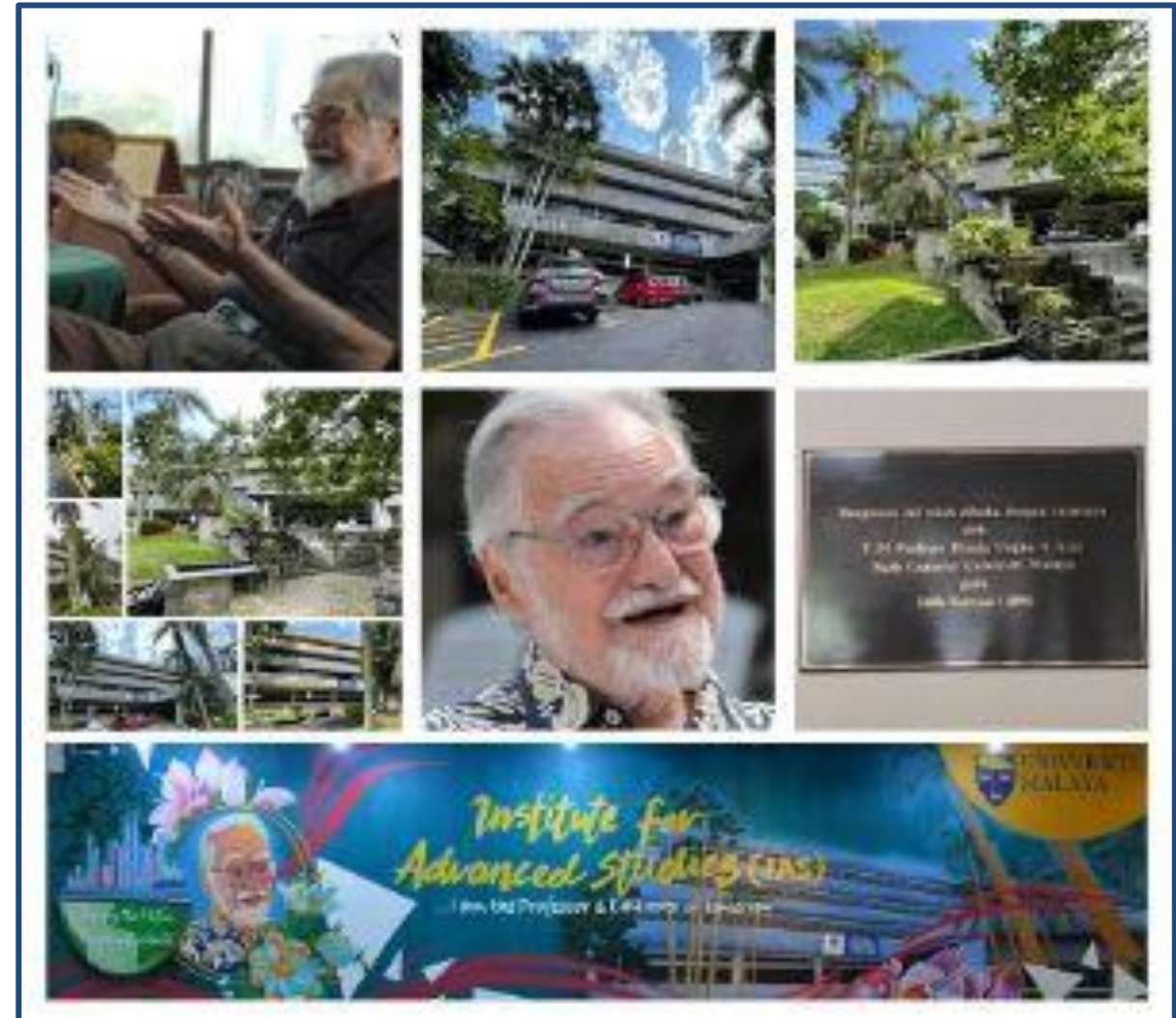
Institut Pengajian Siswazah

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 RC 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.

NICHE AREA

FUTURE STUDIES

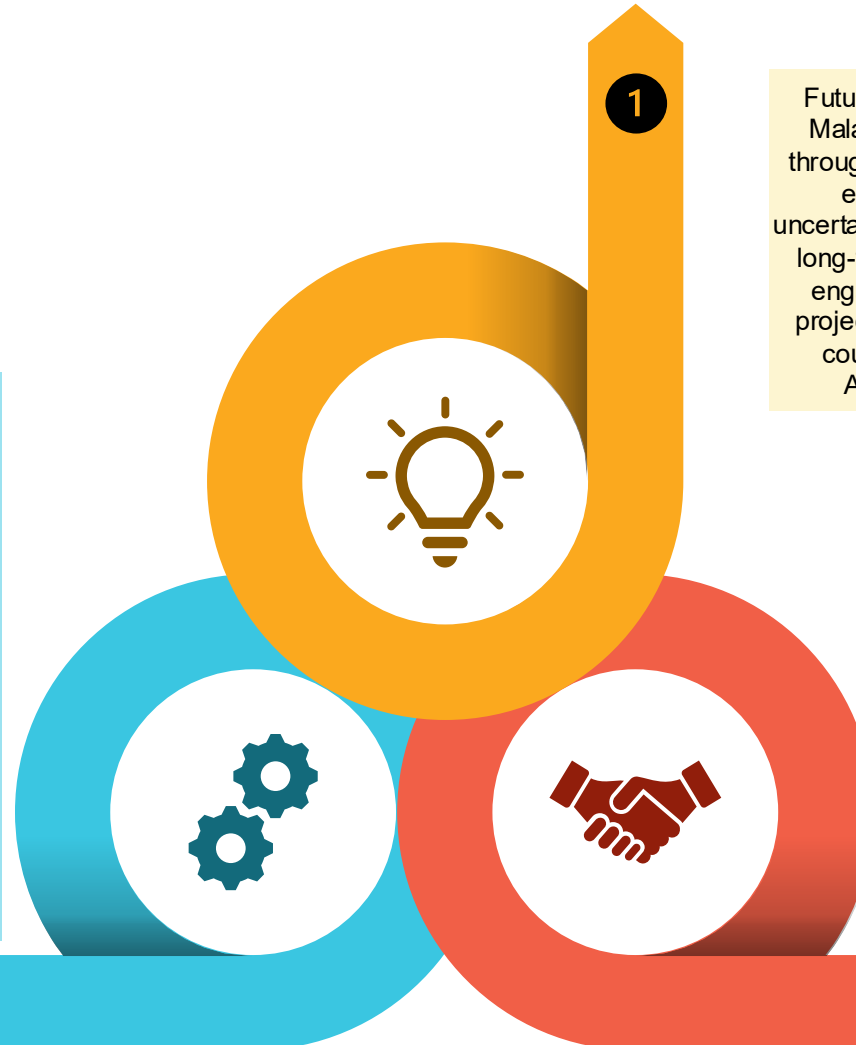
Although traditionally viewed as separate domains, both art and science are fundamentally united by a shared desire to understand and interpret the complexities of existence.

Scientific advancement frequently emerges through imaginative thinking, just as artistic excellence is often grounded in methodology, knowledge, and meticulous refinement.

At IAS, we aspire to cultivate multidisciplinary connections between these fields by encouraging collaboration and nurturing innovative ideas. This initiative embraces inquisitiveness as its core, providing a dynamic space for pioneering discoveries, and insightful exploration. By bridging logic with creativity, we aim to redefine conventional boundaries and build a future where artistic expression and scientific inquiry collectively drive human advancement.

ARTSCIENCE

3



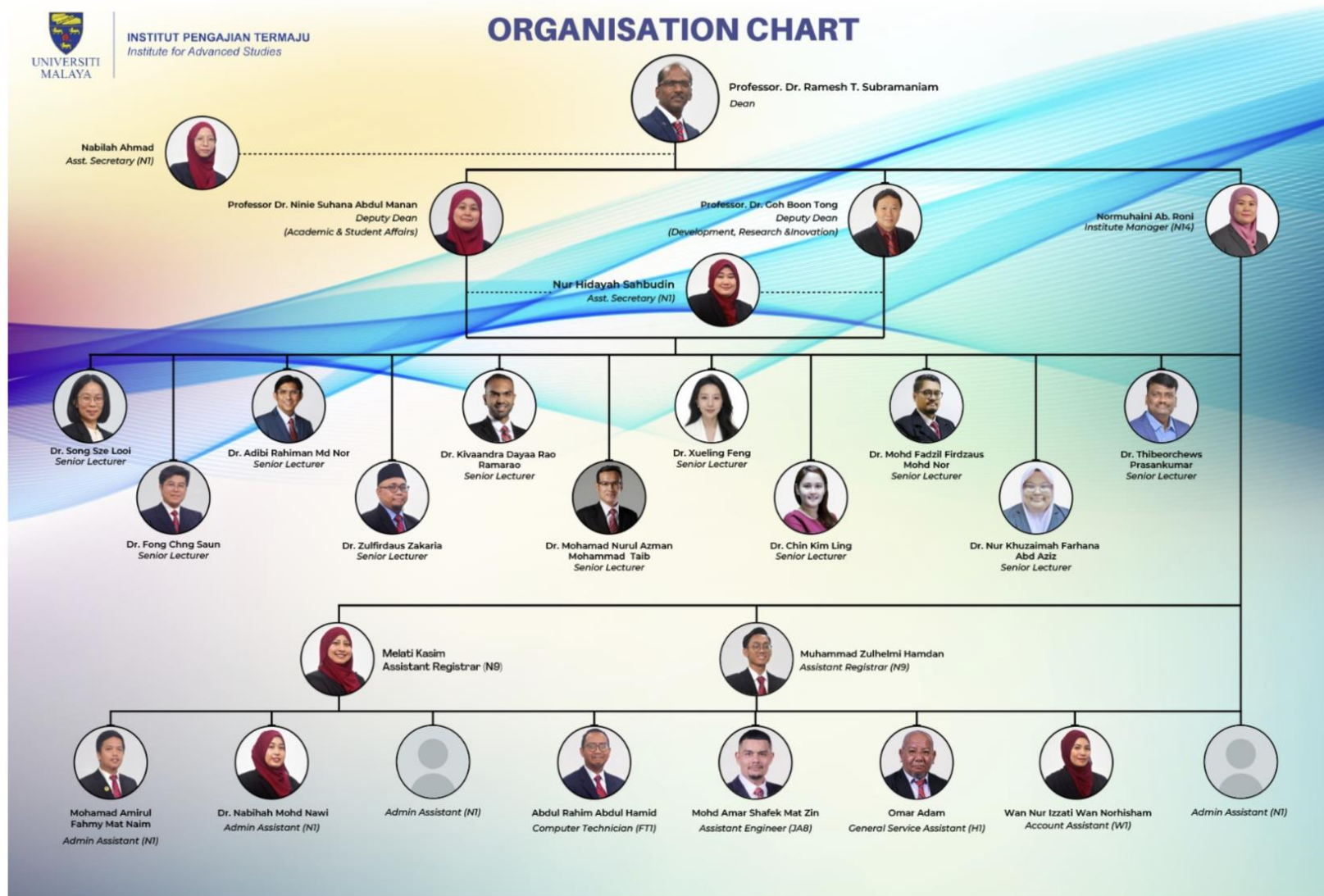
Future Studies at the Institute for Advanced Studies (IAS), Universiti Malaya explores emerging trends and anticipates future challenges through strategic foresight and interdisciplinary research. This initiative enables scholars, policymakers, and communities to navigate uncertainty, critically assess change and make informed decisions from a long-term perspective across diverse real-world settings. IAS actively engages in a variety of activities to fulfil this mission, including mini projects on Futures Studies under the Student Holistic Elective (SHE) courses, as well as collaborations with Assoc Prof Dr Nur Anisah Abdullah from the College of Education, Tamkang University.

- Planetary Health connects human health with environmental sustainability, climate change, clean energy, and ecosystem resilience.
- This interdisciplinary approach recognizes that human wellbeing is fundamentally linked to the health of our planet's natural systems.
- Interdisciplinary collaboration is essential to addressing these complex, interconnected challenges that span medicine, environmental science, policy, and community engagement.
- IAS Universiti Malaya plays a leadership role in advancing sustainability research and fostering global engagement, driving innovative solutions for a healthier planet and healthier communities.

2

PLANETARY HEALTH

IAS Organisation Chart



Our Partners

19

Academic PTjs

5

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)
- Nanotechnology & Catalysis Research Centre (NANOCAT)

1

UM Center of
Excellence
(UMCoE)

- Centre for Research in Biotechnology for Agriculture (CEBAR)

1

University



Kyoto University(Double
Master Programme)

3

Industry



Alibaba Cloud

PETRONAS



Current Academic Program (717) active students)

01

Full Research Program

Master of Philosophy (183)

Doctor of Philosophy (466)

02

Coursework Program

Master of Renewable Energy (51)

Master of Agriculture Biosecurity (3)

Master of Advanced Studies (7)



Higher Institution
Centre of Excellence (HICoE)



Centre for Research in
Biotechnology for
Agriculture

Universiti Malaya
Centre of Excellence (UMCoE)

03

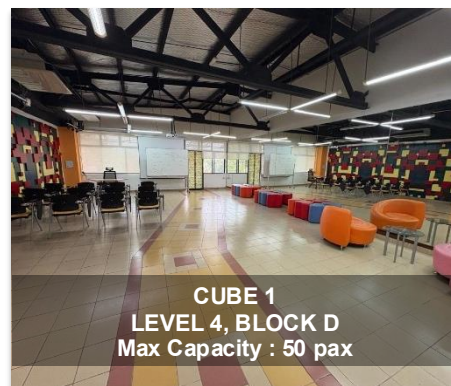
Mixed Mode

Master of Applied Sciences (Nanotechnology)
(7)





IAS FACILITIES





INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies

**Institute for Advanced Studies
UNIVERSITI MALAYA
50603 Kuala Lumpur, MALAYSIA
Tel: 03-7967 4600 / 4601**

**Email: dekan_ias@um.edu.my
Website: <http://ias.um.edu.my>**

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