

**2024-2025**  
**HKUST HIGHLIGHTS**  
香港科技大學重點成果

# HKUST

**The Hong Kong University of Science and Technology (HKUST)** is Hong Kong's first research university. Guided by a steadfast commitment to advancing society through knowledge creation and discovery, the University fosters innovation and progress with a strong emphasis on interdisciplinary research and real-world impact. Innovation is deeply embedded in our institutional DNA, combining intellectual exploration, entrepreneurial spirit, and dedication to global engagement—positioning HKUST among the world's leading institutions in science and technology.

HKUST comprises the Schools of Science, Engineering, Business and Management, and Humanities and Social Science, as well as the Academy of Interdisciplinary Studies. As 2026 marks our 35th anniversary, we celebrate our legacy with the exciting news of gaining approval from the HKSAR Government to establish Hong Kong's third medical school at HKUST. This new endeavor will significantly enhance our interdisciplinary capabilities and create transformative opportunities for innovation in health and medicine.

In this Annual Highlights\*, we present key facts, achievements, and our contributions to society as we continue to advance our mission.

**香港科技大學(科大)**是香港第一所研究型大學。科大矢志透過創造和探索知識以推動社會進步，大學著重跨學科研究與實踐影響，持續推動創新與發展。創新精神已深植於我們的基因之中，科大躋身全球頂尖的科學與技術學府之列，致力融合知識探索、創業思維及聯動全球夥伴合作，使其與世界一流的科研機構並肩求進。

科大由理學院、工學院、工商管理學院、人文社會科學學院，以及跨學科學院組成。2026年正逢大學三十五周年，我們在慶祝此里程碑之際，更欣然迎接香港特區政府批准於科大成立香港第三所醫學院的重大喜訊。這項新舉措將顯著提升我們的跨學科實力，並為健康與醫學領域的創新開拓變革性的機遇。

在本年度重點成果\*中，我們將與你分享主要數據、成就與貢獻，見證科大發展。

\* Covering the period from July 1, 2024, to June 30, 2025.  
涵蓋時期由2024年7月1日至2025年6月30日。

## RESEARCH POWER 研究實力



### Harnessing Innovation for Impact

#### 引領創新 影響世界

**World's Smallest  
Multifunctional  
Biomedical Robot**

全球最小多功能微型醫療機械人



**Breakthrough Cancer  
Treatment for Glioma  
Patients Approved in China**

膠質瘤創新療法獲國家藥監局許可



**1st** FDA-Approved  
Contactless Pulse  
Monitoring App

首個FDA認可非接觸式脈搏測量  
流動應用程式



**Groundbreaking Artificial  
Compound Eye to  
Revolutionize Robotic Vision**

開發人工複眼技術，革新機械人  
視覺系統

**Securing Robust Funding  
Support**

成功獲取撥款支持研究項目

**HK\$1.2B**

funding granted to **1,698 projects**  
driving impactful research

獲得近**12億港元**資助開展**1,698**個前瞻性研究項目



**Top-tier Researchers  
頂尖研究人員**

According to  
Stanford University,

**168** HKUST scholars are listed

among the **world's top 2%** scientists  
根據史丹福大學統計，**168**位科大學者入選**全球前2%**  
頂尖科學家名單





## Leading Frontier Research Centers

### 領導前沿的研究中心

**3** State Key Laboratories at HKUST:  
個全國重點實驗室：

State Key Laboratory of Climate Resilience for Coastal Cities  
沿海城市氣候韌性全國重點實驗室

State Key Laboratory of Nervous System Disorders  
神經系統疾病全國重點實驗室

State Key Laboratory of Displays and Opto-Electronics  
顯示與光電子全國重點實驗室

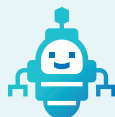
**5** InnoHK Centers Led by HKUST:  
個科大領導的InnoHK研發中心：



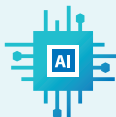
Hong Kong Generative AI Research and Development Center  
香港生成式人工智能研發中心



Hong Kong Center for Neurodegenerative Diseases  
香港神經退行性疾病中心



Hong Kong Space Robotics and Energy Center  
香港太空機械人與能源中心



AI Chip Center for Emerging Smart Systems  
智能晶片與系統研發中心



Hong Kong Center for Construction Robotics  
香港智能建造研發中心

**16** New Research Units Established, including:  
個新成立的研究單位，包括：

HKUST Von Neumann Institute  
香港科技大學馮諾依曼研究院

Low Altitude Economy Research Center  
低空經濟研究中心

HKUST-Inspur Cloud Joint Lab  
香港科技大學-浪潮雲聯合實驗室

Center for AI Robotics in Space Sustainability  
空間可持續發展人工智能與機器人研究中心

Institute of Integrated Circuits and Systems  
集成電路與系統研究所

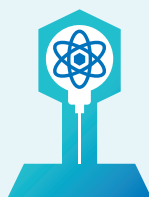
Otto Poon Center for Climate Resilience and Sustainability  
潘樂陶氣候變化與可持續發展研究中心

HKUST-Alibaba Joint Lab on Big Data and AI  
香港科技大學-阿里巴巴大數據與人工智能聯合實驗室

Institute for Health Innovation  
健康創新研究所



## International Accolades 國際榮譽



## A record-breaking 38 awards

garnered at the 50th International Exhibition of Inventions Geneva  
科大團隊於第50屆日內瓦國際發明展囊括  
38個獎項，創下歷史佳績



More about HKUST's inventions at the  
50th International Exhibition of Inventions Geneva  
了解科大參與第50屆日內瓦國際發明展的創新發明

# FROM POWER OF KNOWLEDGE TO ENTREPRENEURIAL SUCCESS

## 知識轉移與初創企業發展



### Leading in Knowledge Transfer 帶領知識發展



**555** IP filed  
項知識產權申請

**123** new IP granted  
項知識產權授權

**109** new IP utilized  
項嶄新的知識產權獲使用

\*FY 2024/2025 2024/2025 年度



IP income exceeding

**HK\$12.9M**

知識產權收入超過 **1,290** 萬港元



**31%**

patents owned by HKUST &  
InnoHK Centers utilized (639 among 2,085 patents)  
2,085 項專利之中 639 項已獲應用 (佔 **31%**)



**324** invention disclosures  
項發明披露



A record of **238**  
active license agreements  
**238** 份在效的授權協議，持續影響業界



### Seedbed for Fast-Growing Entrepreneurship 孕育創業家的搖籃



**1,900+**

active start-ups  
間活躍初創公司



**17**

successful exits (IPO or M&A)  
間成功退場的公司 (上市集資或被併購)



**10,000+**

teams participated in the HKUST One Million  
Dollar Entrepreneurship Competition since 2011  
自 2011 年起，參加科大百萬獎金創業大賽團隊  
已逾 **10,000** 隊



**10**

Unicorns  
間獨角獸企業



**HK\$500M**

Establishment of HKUST Redbird Innovation Fund  
成立 **5** 億港元紅鳥創新創業基金



**120**

cutting-edge technologies  
showcased in Unicorn Day 2025  
2025 科大獨角獸日展示 **120** 項尖端科技

# ► TALENT INCUBATOR

## 人才培育

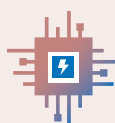


### Introduction of Innovative Academic Programs 推出創新學術課程



**Establishment of Hong Kong's third Medical School to Cultivate Clinically Excellent and Technology-Savvy Doctors**

興辦本港第三所醫學院，培養臨床及科技能力兼備未來醫生



**BEng in Artificial Intelligence, Microelectronics and Integrated Circuits, and Energy and Environmental Engineering**

全新工學士課程：人工智能、微電子及集成電路、能源及環境工程學



**Extended Major in Sustainability offering interdisciplinary perspectives**

增設可持續發展延伸主修，開拓跨學科視野



**MPhil/PhD programs in Arts and Machine Creativity cultivating innovative talents**

藝術與機器創造力哲學碩士及博士課程，培訓創新人才



**Bilingual DBA program nurturing business leaders**

雙語工商管理博士課程，培育商業領袖



### Holistic Education Endeavors 全人教育

#### Global Reach 環球連繫



**1,300+**

undergraduates sent for outbound exchanges,

**1,000** inbound students

約1,300名本科生參與海外交流及1,000名海外學生來港交流

#### Financial Support 財政支援



**HK\$8.7M**

in bursaries and loans provided to students in need

為有需要學生提供870萬港元助學金和貸款

#### Scholarship Funding 獎學金資助



**HK\$154.4M**

scholarship funding awarded to

**3,200+** excellent students

頒發1.544億港元獎學金予逾3,200名優異學生

#### Career Development 就業發展



Enhanced employability skills for

**8,100+**

students through diverse development programs

透過多元化發展計劃，提升逾8,100名學生的就業技能

# GLOBAL RECOGNITION

## 享譽全球



### University Rankings 大學排名

#### World 全球

**#44** World's Top 1,500+ Universities  
QS World University Rankings 2026  
2026《QS全球大學排名》世界頂尖1,500+所大學排名榜

**#58** World's Top 2,100+ Universities  
Times Higher Education World University Rankings 2026  
2026《泰晤士高等教育》全球頂尖2,100+所大學排名榜

#### Asia 亞洲

**#6** Asia's Top 1,500+ Universities  
QS Asia University Rankings 2026  
2026《QS亞洲大學排名》亞洲頂尖1,500+所大學排名榜

**#12** Asia's Top 800+ Universities  
Times Higher Education Asia University Rankings 2025  
2025《泰晤士高等教育》亞洲頂尖800+所大學排名榜

### Programs and Fields 課程與學科

**#1** Data Science and Artificial Intelligence in Hong Kong and Greater China, **#3** in Asia, **#17** in the world  
QS World University Rankings by Subject 2025  
數據科學及人工智能排名全港及大中華區**#1**、亞洲**#3**、全球**#17**  
QS全球大學分科排名2025

**#1** Engineering subject in Hong Kong, **#5** in Greater China, **#8** in Asia  
Times Higher Education World University Rankings by Subject 2025  
工程學排名全港**#1**、大中華區**#5**、亞洲**#8**  
泰晤士高等教育全球大學分科排名2025

**#1** Materials Sciences in Hong Kong, **#14** in Asia  
QS World University Rankings by Subject 2025  
材料科學排名全港**#1**、亞洲**#14**  
QS全球大學分科排名2025

### Employability 畢業生就業能力

**#1** in Hong Kong, **#3** in Greater China, **#25** in the world Global University Employability Ranking 2026 produced by Emerging and published by Times Higher Education  
2026年全球大學畢業生就業能力排名全港**#1**、大中華區**#3**、全球**#25**  
由人力資源顧問公司Emerging於《泰晤士高等教育》發布



More university-wide rankings  
更多大學排名

# INTERNATIONAL COMMUNITY

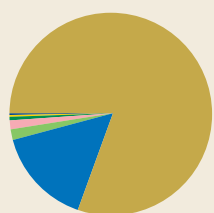
## 國際社群



### Students 學生

Non-local students come from  
非本地生來自

**83** countries and regions<sup>#</sup>  
個國家及地區<sup>#</sup>

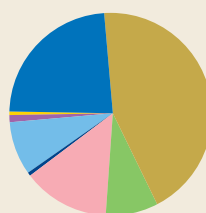


Chinese Mainland 中國內地	80.8% (7,105)
Other Places in Asia 亞洲其他地區	15.0% (1,323)
Europe 歐洲	1.8% (160)
North America 北美	1.4% (122)
Africa 非洲	0.5% (43)
Central & South America 中、南美洲	0.3% (29)
Australia & New Zealand 澳洲及新西蘭	0.1% (12)

<sup>#</sup> As of Oct 2024  
截至2024年10月

### Faculty 教員

**76.2%** from outside Hong Kong<sup>^</sup>  
來自香港以外的國家及地區<sup>^</sup>



Hong Kong 香港	23.79% (221)
Chinese Mainland 中國內地	43.49% (404)
Other Places in Asia 亞洲其他地區	8.61% (80)
North America 北美	13.67% (127)
Central & South America 中、南美洲	0.32% (3)
Europe 歐洲	8.61% (80)
Australia & New Zealand 澳洲及新西蘭	1.18% (11)
Africa 非洲	0.32% (3)

<sup>^</sup> As of Jun 30, 2025  
截至2025年6月30日



# SPURRING GROWTH AND COMPETITIVENESS

## 擴展實力 驅動成長

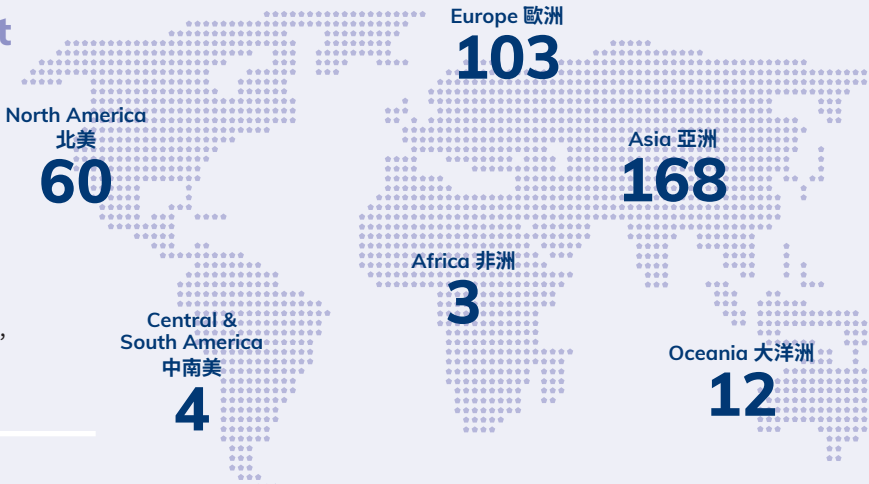


### Global Engagement

#### 聯通全球

350

active global institutional academic and research partnerships  
與350家學術及研究機構結成合作夥伴，  
遍布全球



Hosted **120+** delegations of government officials and academic partners from various regions  
接待逾120個來自世界各地的政府和學術夥伴代表團



HKUST became  
**Founding Chair of Asian Universities Alliance (AUA) Innovation & Entrepreneurship Network**  
科大成為亞洲大學聯盟創新創業網絡創始主席



President Prof. Nancy Ip was appointed  
**Member of Association of Pacific Rim Universities (APRU) Steering Committee for 2025-2027**  
校長葉玉如教授獲委任為環太平洋大學協會2025-2027年度指導委員會成員



### Chinese Mainland Milestones

#### 中國內地里程碑



Over 40 Memoranda of Understanding signed with international, Mainland and local organizations to expand  
**HKUST's Medical Education Network**  
與逾40個國際、內地及本地機構簽署合作備忘錄，  
擴展科大醫學教育網絡

Establishment of the

**RMB90M**  
**Guangdong-HKUST-HKUST(GZ)**  
**1+1+1 Joint Funding Scheme**

設立9,000萬人民幣廣東省科學技術廳-科大-科大(廣州)  
「1+1+1」聯合資助計劃



Opening of **HKUST Shanghai Center**  
to enhance collaboration on innovation and entrepreneurship  
成立科大上海產教融合中心，驅動創新創業



# SUSTAINABILITY LEADERSHIP 引領可持續發展



Ranked **#1**

in **Hong Kong and  
Mainland China**  
and

for its significant contributions to SDGs 9 (industry, innovation and infrastructure), 11 (sustainable cities and communities), and 15 (life on land)

**#19**

**Worldwide in  
THE Impact  
Rankings 2025**

榮膺泰晤士高等教育《大學影響力排名2025》香港及內地院校第一及全球第19位，在建設強韌基建及工業，加速創新 (SDG 9)、推動可持續城市發展 (SDG 11) 和保育陸地生物 (SDG 15) 的貢獻最為突出



## ISCN 2024 Best Practices Report Award

Recognized for "Campus Trees to Reduce Embodied Carbon in New Construction" by the International Sustainable Campus Network

榮獲可持續國際校園網絡最佳實踐獎2024，表揚校園植樹降低新建工程的隱含碳

## CLP Smart Energy Award 2025 – Sustainable Carbon Neutral Award (Services)

Grand Award, honoring our outstanding energy conservation and carbon reduction performance

榮獲中電可持續碳中和大獎卓越獎（服務業），表彰我們在節能減碳領域的傑出表現



## Largest Liquid Immersion Cooling System in Hong Kong 引入全港最大浸沒式液冷卻系統

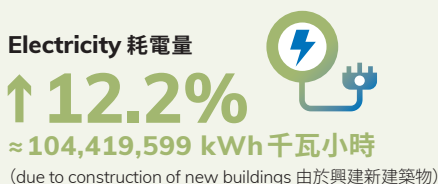
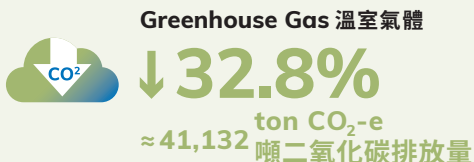
New data center with 280 servers and 8 cooling tanks achieves 45% lower carbon emissions compared to traditional rack-level air cooling

新建數據中心安裝八個冷卻水箱，可容納約280台處理器，較傳統機櫃式系統減少碳排放量達45%



## 2028 Sustainability Challenge 2028可持續發展挑戰

Progress and Performance 進度及表現 (2014-15 as baseline 以2014-15為基線)



Learn more about the HKUST "2028 Sustainability Challenge"  
了解更多科大「2028可持續發展挑戰」的詳情