

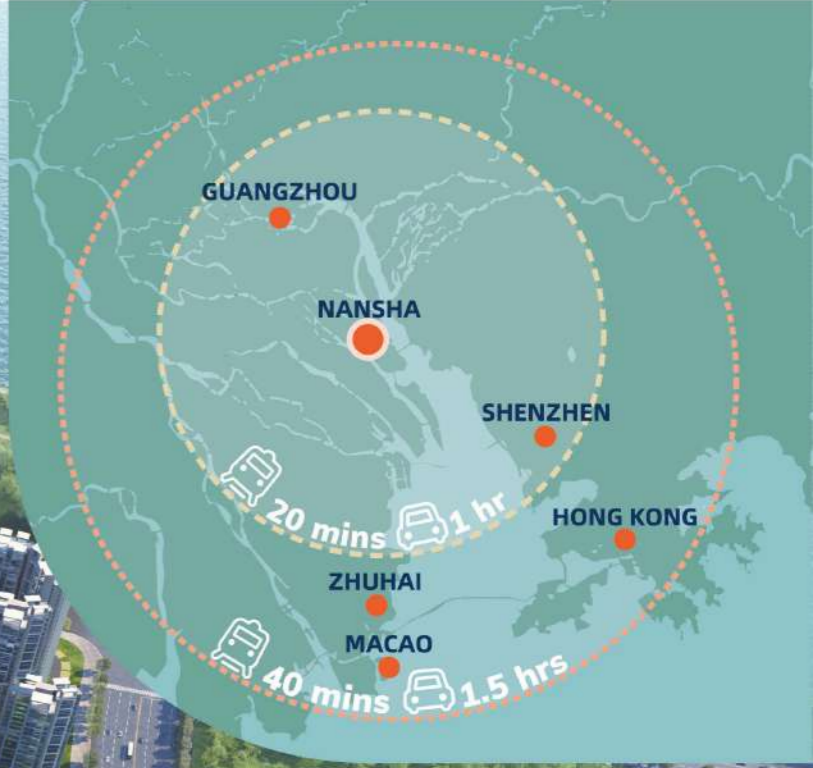


香港科技大学(广州)  
THE HONG KONG  
UNIVERSITY OF SCIENCE AND  
TECHNOLOGY (GUANGZHOU)



开拓前沿领域  
荟萃创新英才

Pioneering Frontiers  
Gathering Innovative Talents



The campus of HKUST(GZ) covers an area of about

**111.3** hectares (1,669 mu)

港科大(广州)占地面积约 111.3公顷(1669亩)。

# 01

## 学校概况 INTRODUCING A NEW EXCITING UNIVERSITY

学校简介  
HKUST(GZ) IN A NUTSHELL

创校大事记  
MILESTONES

校长  
PROFILE OF THE PRESIDENT

师资队伍  
BUILDING THE BRAINS OF THE UNIVERSITY

“港科大2.0”  
HKUST2.0

# 02

## 学术架构：枢纽与学域 ACADEMIC STRUCTURE: HUBS AND THRUSTS

什么是“枢纽”“学域”？  
WHAT ARE “HUBS” AND “THRUSTS”?

枢纽、学域介绍  
INTRODUCING THE HUBS AND THRUSTS

# 03

## 人才培养 INCUBATING INNOVATIVE TALENT

教学创新  
INNOVATIONS IN TEACHING AND LEARNING

本科生培养  
INNOVATING UNDERGRADUATE EDUCATION

研究生培养  
POSTGRADUATE EDUCATION REIMAGINED

# 04

## 科研概况 REAPING THE REWARDS OF RESEARCH

建校以来取得的  
重要科研成果和成绩  
SIGNIFICANT RESEARCH  
ACCOMPLISHMENTS AND ACHIEVEMENTS  
ATTAINED SINCE THE ESTABLISHMENT  
OF THE UNIVERSITY

国家重点科研项目  
NATIONAL KEY R&D PROGRAMS

实验室概况  
LABORATORIES  
THE NERVE CENTER OF RESEARCH

# CONTENTS

## 目 录

# 05

## 知识转移 KNOWLEDGE TRANSFER

产业合作、成果转化与社会服务  
INDUSTRY COLLABORATION,  
TECHNOLOGY TRANSFER,  
AND SOCIAL CONTRIBUTIONS

# 06

## 校园发展 CAMPUS DEVELOPMENT BIGGER AND BETTER

校园简介及风景展示  
A BIRD'S EYE-VIEW OF CAMPUS  
DEVELOPMENT

校园所获建筑类奖项一览  
ARCHITECTURAL AWARDS  
HKUST(GZ) WON TO DATE

# 01

# 学校概况

## INTRODUCING A NEW EXCITING UNIVERSITY

## 学校简介 HKUST(GZ) IN A NUTSHELL

正式设立于2022年6月，位于广州市南沙区庆盛枢纽板块，地处粤港澳大湾区的几何中心，交通便利。

Founded in June 2022, HKUST(GZ) is located in Nansha, Guangzhou, the geometric center of the Guangdong-Hong Kong-Macao Greater Bay Area. It is perfectly placed for geographical convenience and forms part of an axis for technological progress. They call it the new Silicon Valley of the East.

采用开创性的“枢纽-学域”学术架构，立志建成世界上第一所融合学科大学，为人类面临的重大挑战寻求创新解决方案。

It is the world's first university to experiment with an innovative academic structure. With Hubs and Thrusts instead of Schools and Departments, it is geared to promoting interdisciplinary learning in a restless search for innovative solutions to humanity's major challenges.

拥有国际化、高水平师资队伍，以英语为主要教学语言，施行本硕博贯通教育。

Our academic staff are drawn from the world's finest institutions. Here English is the medium of instruction and undergraduate programs are carefully articulated with postgraduate studies.

配备世界一流的先进实验设施，满足各个学科领域的研究需求。

HKUST(GZ) boasts cutting-edge research facilities tailored to meet the needs of our investigating scientists in various disciplines.

在“港科大一体，双校互补”的框架下，与香港科技大学协同发展。

HKUST(GZ) is a spin-off from the world-class HKUST. But both benefit from the synergy of unified and complementary campuses with shared resources--another radical departure from the conventional practice in higher education.

将有800名教师、4000名本科生、6000名研究生。

The HKUST(GZ) community will consist of 800 faculty members, 4000 undergraduates and 6000 postgraduates.

# 创校大事记

## 中华人民共和国教育部

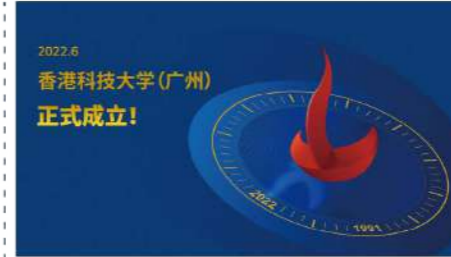
教外函〔2019〕64号

教育部关于同意广州大学与香港科技大学合作筹备设立香港科技大学(广州)的函

**2019. 9. 19**

港科大(广州)获教育部批准筹备设立

The Ministry of Education officially approved the preparatory status of HKUST(GZ).



**2022. 6**

港科大(广州)获教育部批准正式设立

The Ministry of Education approved the formal establishment of HKUST(GZ).



**2023. 6. 16**

港科大(广州)举办INNOTECH创科嘉年华暨周年庆典活动

HKUST(GZ) held INNOTECH at its first anniversary ceremony.

>2018

**2018. 12**

香港科技大学与广州市人民政府和广州大学签署协议,合作筹建港科大(广州)

The Hong Kong University of Science and Technology, the People's Government of Guangzhou Municipality and Guangzhou University signed the agreement to jointly establish The Hong Kong University of Science and Technology (Guangzhou).



>2019

**2019. 9. 26**

港科大(广州)举行奠基仪式

The groundbreaking ceremony was held on the site of HKUST(GZ) in Nansha.



>2020

**2020. 11**

港科大(广州)的校址打下第一根工程桩

The first construction pile was driven in the site of HKUST(GZ).

>2022

**2022. 9. 1**

港科大(广州)正式开学,迎接首批硕博生

HKUST(GZ) held the opening ceremony and welcomed its first batch of postgraduates.



>2023

**2023. 7**

港科大(广州)首次录取本科生

HKUST(GZ) admitted its first batch of undergraduates.



# MILESTONES

# 校长 PROFILE OF THE PRESIDENT

## Professor Lionel M. Ni ,

the Founding President of HKUST(GZ), earned his PhD degree in Electrical Engineering from Purdue University in 1980. He has served in a variety of capacities, successively as Assistant to the President, Chair Professor and Head of the Department of Computer Science and Engineering, as well as Dean of Fok Ying Tung Graduate School and finally as Provost of The Hong Kong University of Science and Technology. In between, he led as Vice Rector (Academic Affairs) and Chair Professor in the Department of Computer and Information Science at the University of Macau. In the US, he was Professor in Computer Science and Engineering at Michigan State University (1981-2002), and the Microelectronic Systems Architecture program director at the US National Science Foundation (1995-1996). In private industry, he was co-founder and CEO of CC&T Technologies, Inc., Michigan (1998-2001).

Professor Ni is a life Fellow of IEEE and Fellow of the Hong Kong Academy of Engineering Sciences. His research interests range from high-performance computing, big data to wireless networking and pervasive computing. A high-impact scholar, Professor Ni has published articles which have been cited over 43,000 times on Google Scholar. Professor Ni has supervised a total of 73 seminal PhD students.

**倪明选**，香港科技大学（广州）创校校长。倪明选教授于1980年获得美国普渡大学电机工程博士学位，曾担任香港科技大学首席副校长，校长特别助理、霍英东研究院院长及计算机科学与工程系主任与讲座教授，澳门大学学术副校长、电脑及资讯科学系讲座教授，密歇根州立大学计算机科学与工程系教授，美国国家科学基金会微电子系统结构项目主任，美国CC&T技术公司联合创始人兼行政总裁。

倪明选教授是IEEE终身会士，香港工程科学院院士。倪明选教授从事高性能计算、大数据、无线网络和普适计算方面的研究，论文引用超过43,000次（据Google Scholar），并指导超过73名博士毕业生。

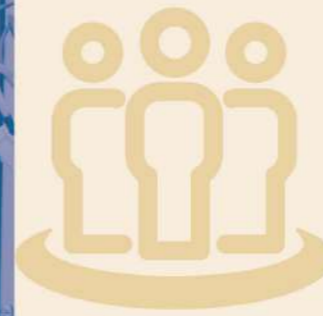


# 师资队伍

## BUILDING THE BRAINS OF THE UNIVERSITY

港科大（广州）广聚英才，师资队伍包括香港科技大学的资深教授以及从全球知名高校、科研机构引进的高水平人才。

HKUST(GZ) has become a magnet for attracting top talents from tip-top universities and research institutions from around the world, including academic heavyweights from HKUST.



The University currently has over

**210+** tenure-track faculty members, all holders of doctoral degrees, who have either studied or worked at world renowned universities.

Another

**100** academic staff members will be recruited in each of the next two years, in 2024 and 2025.

学校已有长聘制学术人员超210位，均具有博士学位，并曾在世界知名学府学习或从事研究及教学工作。预计学校2024年将招聘100名学术人员，2025年再招聘100名学术人员。

**15% or 34** of our professors are on the latest list of the World's Top 2% scientists.

港科大（广州）共有34位教授进入最新全球前2%顶尖科学家榜单，入选教授人数占我校学术人员总人数约15%。

# 港科大2.0 HKUST2.0

Under the

## “UNIFIED HKUST, COMPLEMENTARY CAMPUSES”

framework, HKUST(GZ) and HKUST are separate legal entities with their own financial systems, but both maintain a consistency in high academic standards on faculty and program quality, while creating great synergy by sharing resources and complementing each other's strengths.

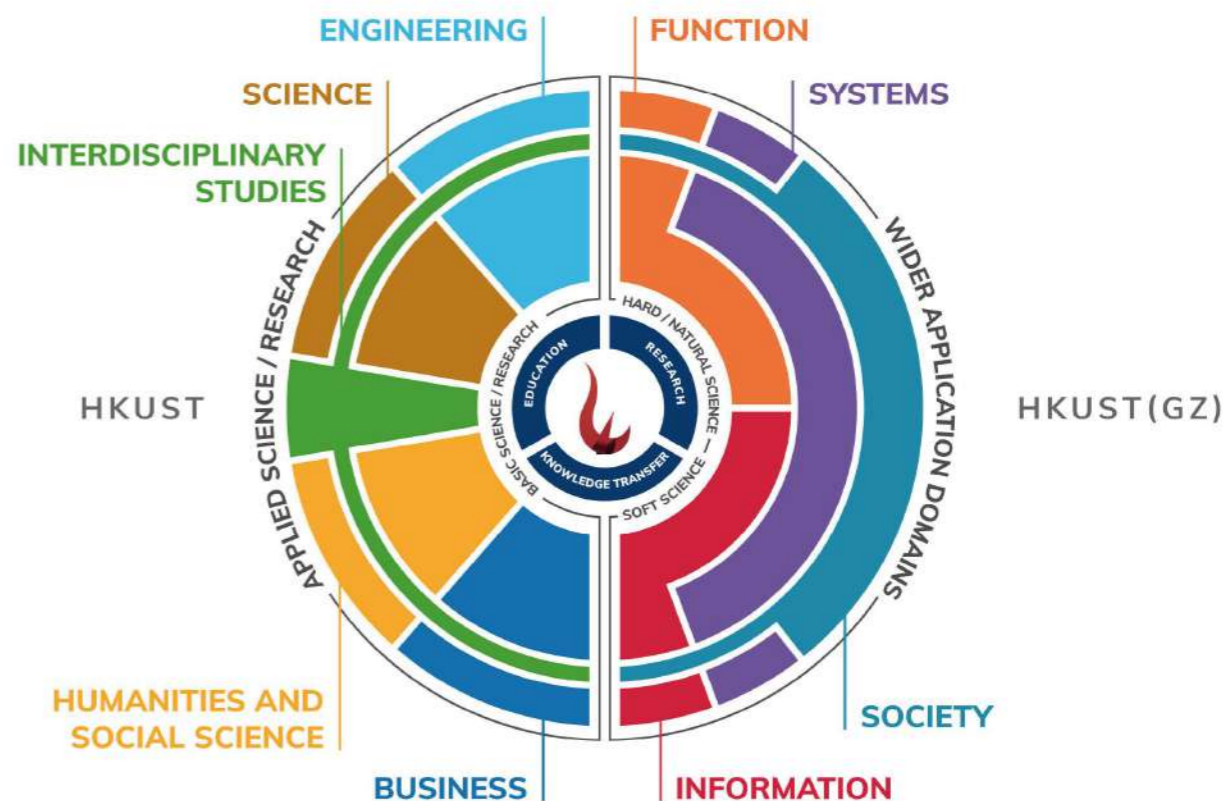
港科大（广州）与港科大将在

### “港科大一体，双校互补”

的框架下开展合作，两校法人独立，财务独立，协同发展。两校在学术规范、师资水平、课程质量等方面保持一致，实现资源共享、优势互补。

# 02 学术架构：枢纽与学域 ACADEMIC STRUCTURE: HUBS AND THRUSTS

什么是“枢纽”“学域”？  
WHAT ARE “HUBS” AND “THRUSTS”？



港科大（广州）不设院系，首设“枢纽”和“学域”，打破传统的学科边界，推动学科交叉融合，为世界高等教育改革探路。在保持四大“枢纽”稳定的同时，港科大（广州）对“学域”保持灵活弹性，迅速响应世界变化带来的重大需求，适时做出调整。

HKUST(GZ) substitutes the conventional “school-based” academic structure with a unique “Hubs” and “Thrusts” framework. This unprecedented academic configuration in global higher education will facilitate cross-disciplinary education and research endeavors, especially in emerging and frontier disciplines. While holding steady the structure of 4 “Hubs”, HKUST(GZ) ensures that its “Thrusts” remain vigilant to the need for flexibility and adaptability, bracing themselves for the increasingly complex challenges of a rapidly-changing world.

# 枢纽学域介绍

## INTRODUCING THE HUBS AND THRUSTS

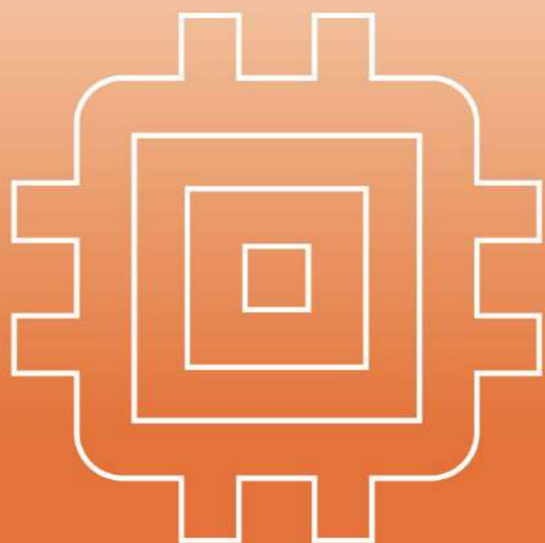
FUNCTION

### 功能枢纽

- 先进材料学域
- 地球与海洋大气科学学域
- 微电子学域
- 可持续能源与环境学域

### Function Hub

- Advanced Materials Thrust
- Earth, Ocean and Atmospheric Sciences Thrust
- Microelectronics Thrust
- Sustainable Energy and Environment Thrust



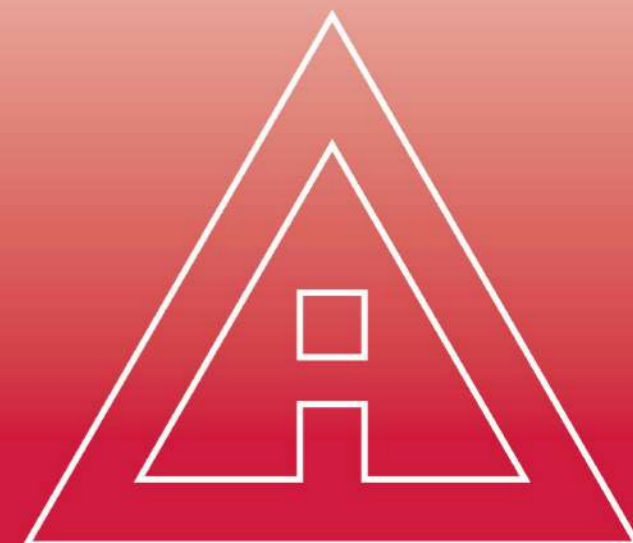
INFORMATION

### 信息枢纽

- 人工智能学域
- 计算媒体与艺术学域
- 数据科学与分析学域
- 物联网学域

### Information Hub

- Artificial Intelligence Thrust
- Computational Media and Arts Thrust
- Data Science and Analytics Thrust
- Internet of Things Thrust



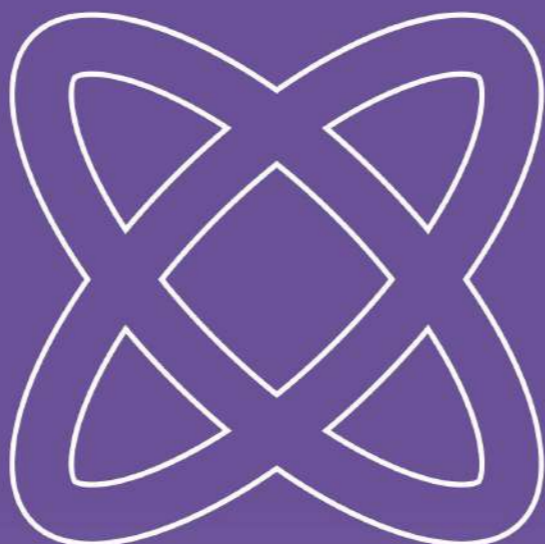
SYSTEMS

### 系统枢纽

- 生命科学与生物医学工程学域
- 智能交通学域
- 机器人与自主系统学域
- 智能制造学域

### Systems Hub

- Bioscience and Biomedical Engineering Thrust
- Intelligent Transportation Thrust
- Robotics and Autonomous Systems Thrust
- Smart Manufacturing Thrust



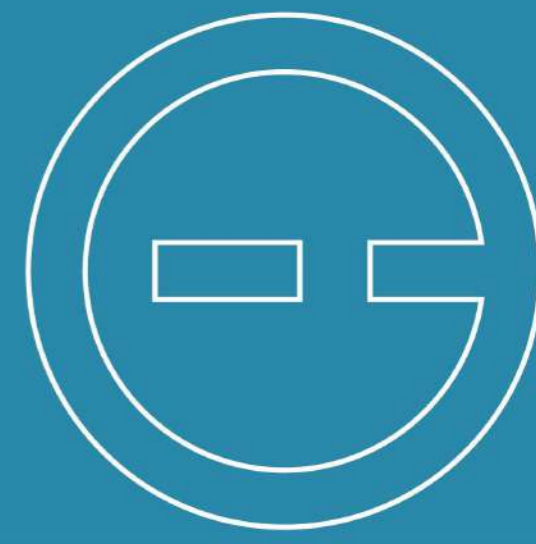
SOCIETY

### 社会枢纽

- 碳中和与气候变化学域
- 金融科技学域
- 创新创业与公共政策学域
- 城市治理与设计学域

### Society Hub

- Carbon Neutrality and Climate Change Thrust
- Financial Technology Thrust
- Innovation, Policy and Entrepreneurship Thrust
- Urban Governance and Design Thrust





03

人才培养

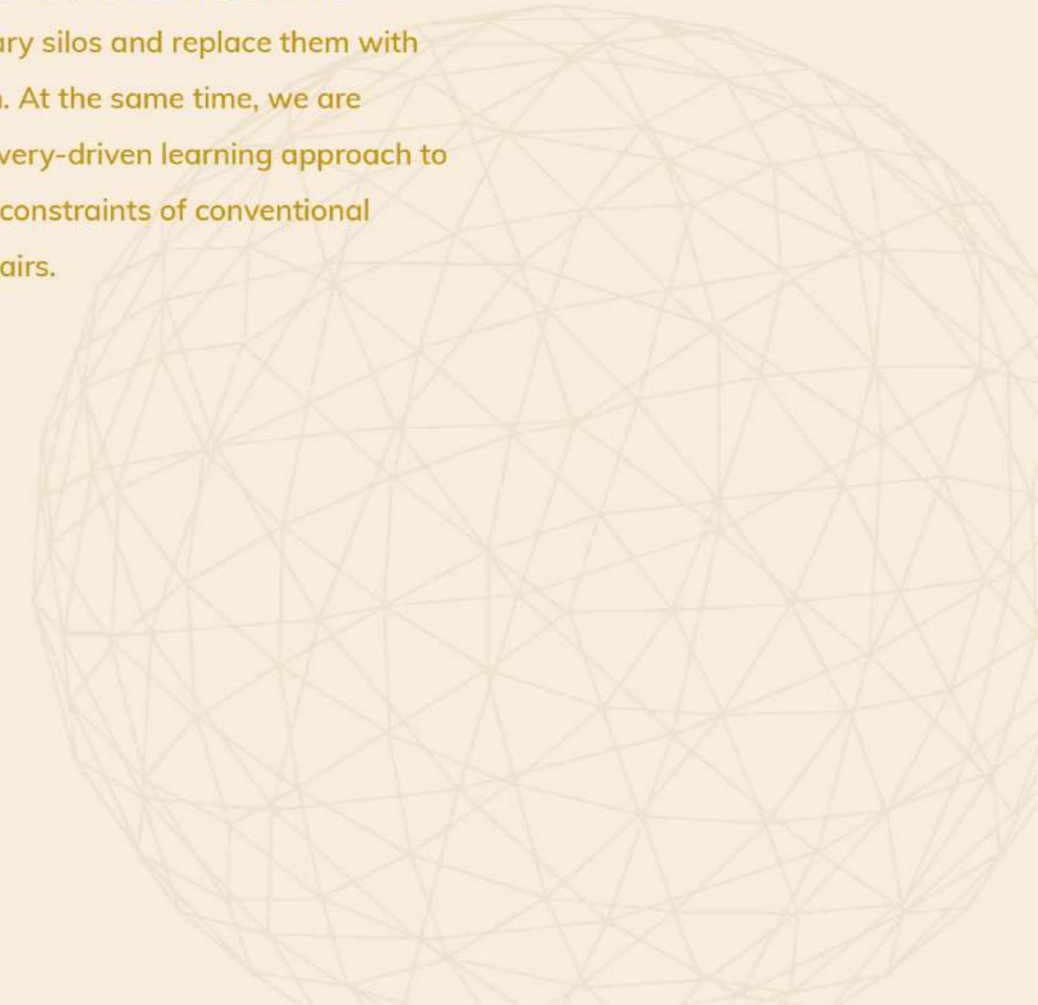
INCUBATING INNOVATIVE  
TALENT

## 教学创新

### INNOVATIONS IN TEACHING AND LEARNING

当前世界面对的重大挑战，并非单一学科可以解决。如何培养复合型创新人才，为重大挑战提出创新解决方案？这是高等学府的新课题。港科大(广州)打破传统的学科壁垒，“以学生为中心”，推行探索为导向的融合学科主动学习模式，帮助学生改变思维定势，突破认知局限，提出创新方案。

Against a complex and ever-changing world, we realize that no single discipline holds the solutions to its problems. That is why we have dispensed with the conventional academic divisions. We decided to break down the disciplinary silos and replace them with an interdisciplinary structural design. At the same time, we are adopting a **student-centered**, discovery-driven learning approach to free our students from the cognitive constraints of conventional thinking. Innovation is in our cross-hairs.



# 本科生培养

## INNOVATING UNDERGRADUATE EDUCATION

### 本科人才培养特色

#### UNDERGRADUATE EDUCATION WITH A DIFFERENCE

##### 模块化课程

激发每一位学生了解自身志趣和专长，并依此在教师指导下选择课程模块，规划个性化学习路径。

##### 直博班

以本-博的贯通式培养，为优秀学子提供最优质的教育资源。

##### 书院制

秉承“全人教育”和文化浸润育人理念，书院致力建设多元文化与多元学科融会贯通的知识整合学习平台。

##### Knowledge Modules

Each student is encouraged to explore their own interests and specialties, by being offered a choice of course modules and personalized study pathways under the watchful eye of instructors.

##### The Articulation of Undergraduate Education with Doctoral Programs

HKUST(GZ) has designed bachelor and master programs that articulate well with doctoral programs of study, giving outstanding students a wealth of educational resources.

##### The Residential Education System

Adhering to the concepts of whole-person education and cultural enrichment, the University's residential education system is conducive to building a multicultural and interdisciplinary learning platform.

### 招生情况

港科大（广州）于2023年开始招收本科生，在中国内地、中国港澳台地区及世界各地招录优秀学生。首年本科招生开设人工智能、数据科学与大数据技术、智能制造工程等三个专业，实行“大类培养”，学生前两年不分专业，大二结束时根据自己的意愿选择专业。

### ADMISSION-OPENING OUR GATES TO FUTURE TALENTS

HKUST(GZ) launched its undergraduate programs in 2023, taking in outstanding students from across China and around the world. In the first year of undergraduate education, HKUST(GZ) offers three majors: Artificial Intelligence, Data Science and Big Data Technology and Smart Manufacturing. HKUST(GZ) adopts a broad-brush undergraduate education system with a gradual approach so that students will not have to run the risk of making premature decisions on the choice of majors until the end of Year 2.



## 因材施教： 以每一位学生成长为中心

GROWING INDIVIDUAL TALENTS,  
ONE STUDENT AT A TIME

建立“通专融合”本科教育创新基础，推动“因材施教：以每一位学生成长为中心”融合学科育人范式改革，培养“复合型创新创业领军人才”。

Our educational approach is transdisciplinary. Our focus is the cultivation of individual excellence. Our ultimate goal is the turning out of innovative and entrepreneurial talents.

## 课程知识模块超市

A SUPERMARKET OF  
KNOWLEDGE MODULES

重构课程知识体系，突破传统学制，在学术导师指导下，学生根据志趣与专长自主选择知识模块，规划个性化学习路径，收获个性化成长，注重内修，减少“内卷”，从而真正实现“因材施教”。

The knowledge modularization dictates how knowledge is organized, maximizing flexibility in study duration. Under this approach, students can plan personalized study pathways based on their interests and specialties, under the guidance of academic advisors. The result is personalized growth and wholesome internal development, plus the mitigation of excessive peer competition.

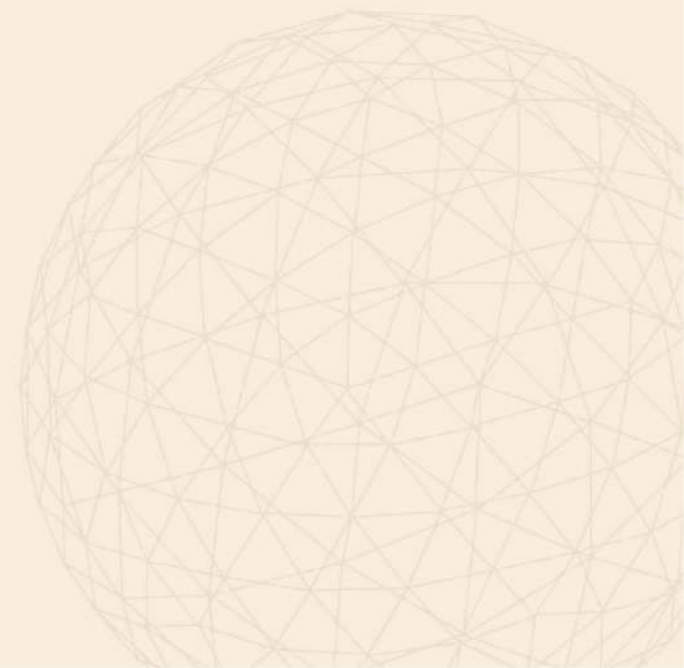


## 创新多元教学方法

INNOVATIVE AND DIVERSE  
TEACHING METHODS

推广灵活多元的教学方法，包括翻转课堂、慕课、项目引导式教学、探究式学习等，课堂不再以传授知识为主，而注重答疑解惑，倡导启发式教学，培养学生主动学习能力和系统分析思维，通过问题探究、团队合作与项目式教学，全面提升学生的综合能力。

HKUST(GZ) promotes flexible and diverse teaching methods, such as flipped classrooms, MOOCs, project-based learning, and inquiry-based learning. The classroom focus shifts from knowledge transmission to addressing students' inquiries, encouraging heuristic teaching, fostering students' active learning abilities, and systematic analytical thinking with the goal to enhance students' overall capabilities through problem exploration, teamwork, and project-based teaching.



# 研究生培养

## POSTGRADUATE EDUCATION REIMAGINED

### 研究生人才培养特色

#### DISTINCTIVE FEATURES OF OUR POSTGRADUATE EDUCATION

#### 红鸟硕士班

“红鸟硕士班”探索“以学生为中心”的融合学科人才培养新模式，通过团队项目引导的教学模式，让学生在不同学域的学术导师、红鸟硕士学部的项目导师以及来自业界的企业导师们的共同指导下，通过执行团队项目的分工任务，来完成自己的硕士论文研究，并逐步明确个性化的职业发展道路。

#### The Red Bird MPhil Program

Three words describe the essence of our postgraduate education: student-centered, interdisciplinary and project-based. Students are individually tutored by academic mentors from different Thrusts, as well as project supervisors from the Red Bird MPhil Program and industry mentors from famous enterprises. By performing divided tasks in a team project, they complete the research for their master's thesis and gradually learn to navigate their own individual career path.

### 招生情况

港科大（广州）于2022年开启研究生招生，目前有近1400名研究生在校学习。研究生采用在线申请制，与港科大采用一致的录取标准，全年滚动式录取。港科大（广州）率先推出“双导师制”研究生计划，研究生可申请由两位不同学科领域的学界、业界导师共同指导。

### ADMISSION BECOMING OUR STUDENTS

HKUST(GZ) took in its first cohort of postgraduate students in 2022. To date, its postgraduate enrolment stands at 1,400. To pursue postgraduate study at our University, students should first complete an online application. HKUST(GZ)'s admission criteria are identical to those of HKUST, with admissions conducted on a rolling basis throughout the year. HKUST(GZ) is at the forefront of introducing the “Dual Tutor Scheme” for postgraduate programs, in which students can apply for joint supervision by two tutors of different expert areas from academia or industry.





04

# 科研概况

REAPING THE REWARDS  
OF RESEARCH

## 建校以来取得的重要科研成果和成绩

SIGNIFICANT RESEARCH ACCOMPLISHMENTS AND  
ACHIEVEMENTS ATTAINED SINCE THE ESTABLISHMENT  
OF THE UNIVERSITY

### 自建校以来

Since the establishment  
of the University

### 港科大（广州）已获批

HKUST(GZ) has been awarded

各级政府资助项目279项，其中包括

**279** government-sponsored  
research projects in total, among which

国家级项目82项

**82** projects are  
at the national level

省级项目28项

**28** are at the  
provincial level and

市级项目169项

**169** are at the  
municipal level

# 国家重点科研项目

## NATIONAL KEY R&D PROGRAMS



### 项目案例 1

粤港澳大湾区不仅是我国大气污染防治的先行先试地区，还是国家“双碳”战略的重点区域。本项目致力于构建大气污染和气候变化协同应对及高密度城市空气质量精细化管治技术体系，为粤港澳大湾区的绿色发展提供科技支撑，并为其他城市群提供可借鉴的经验。香港科技大学（广州）是本项目的牵头单位，郑君瑜教授为项目首席科学家。

### 项目案例 2

提升动力电池的安全与性能对新能源汽车的进一步普及至关重要。本项目拟围绕电池光纤传感技术，结合电池智能材料，融合智能感知、智能诊断、智能修复、智能调控和智能防护等技术，进一步提升动力电池的安全与性能。香港科技大学（广州）是本项目的牵头单位，黄加强教授为项目负责人。

### Project 1

The Guangdong-Hong Kong-Macao Greater Bay Area (GBA) is a pioneer and a key region for China's air pollution prevention and control initiative. It is also the area for the implementation of the national "dual carbon" strategy. This project targets the building of a technology framework for air pollution control and climate change management. Its objective is twofold: to provide scientific and technological support for the GBA's green development, and to provide reference and demonstration for other urban agglomerations in China to carry out coordinated management of air pollution and climate change. HKUST(GZ) is the lead institution in this project, with Professor Junyu ZHENG firmly in charge as the project's chief scientist.

### Project 2

Enhancing the safety and performance of batteries is essential for the growth and popularization of electric vehicles (EV). This project's key aim is to combine optical fiber sensing of batteries and smart materials that possess multiple functions. The convergence of smart sensing, diagnosis, healing, control, and defense will undoubtedly upgrade the safety and performance of EV batteries. Again, HKUST(GZ) is the lead institution in this project, with Professor Jiaqiang HUANG driving it as the project leader.

创校首年，师生共19篇论文获评最佳论文奖或发表于业界顶刊

In the very first year of its founding, 19 papers from HKUST(GZ) faculty members and students have won the Best Paper Award or have been published in top-notch academic journals.

### 部分获奖论文展示

#### List of several award-winning papers

PAPER AWARD	PAPER TITLE	Authors from HKUST(GZ)
SIGKDD 2023 Best Paper Award (Research Track)	All in One: Multi-task Prompting for Graph Neural Networks	Jia LI
2023 MLCAD Best Paper Award	ASAP: Accurate Synthesis Analysis and Prediction with Multi-Task	Yuzhe MA Yikang OUYANG Dongsheng ZUO
Donald O. Pederson Best Paper Award	DNN+NeuroSim V2.0: An End-to-End Benchmarking Framework for Compute-in-Memory Accelerators for On-Chip Training	Shanshi HUANG Hongwu JIANG
SIGSOFT Distinguished Paper Award	Mate! Are You Really Aware? An Explainability-Guided Testing Framework for Robustness of Malware Detectors	Gareth Tyson
MEMSYS 2023 Best Paper Award	Memory Workload Synthesis Using Generative AI	Jiang XU Chengao SHI Fan JIANG Zhenguo LIU
.....		





# 实验室概况 LABORATORIES

THE NERVE CENTER OF RESEARCH

## 中央实验室

港科大（广州）和港科大的中央实验室共享共用，两校大型设备不重复，并同时向其他高校与业界开放。

目前，港科大（广州）设有15个中央实验室。

## Central Research Facilities (CRFs)

CRFs in HKUST(GZ) and HKUST avoid any overlap in terms of major equipment. While open to other universities and industry, the CRFs serve as technology platforms supporting researchers in both universities. Currently, HKUST(GZ) has 15 Central Research Facilities.

## CRFs

### 元宇宙建模实验室

Dynamic Reconstruction and Applied Meta Studio

### 生物科学中央实验室

Biosciences Central Research Facility (GZ)

### 材料、设计和制造中央实验室

Materials, Design and Manufacturing Facility (GZ)

### 地球和环境系统中央实验室

Earth and Environmental Systems Research Facility

### 材料表征与制备中央实验室

Materials Characterization and Preparation Facility (GZ)

### 数据中心

Data Center

### 微纳系统制造中央实验室

Nanosystem Fabrication Facility (GZ)

### 可持续大气环境中央实验室

Sustainable Atmospheric Environment Research Facility

### 芯片中央实验室

Novel IC Exploration Facility

### 生物启发工程中央实验室

Bio-inspired Engineering Research Facility

### 多功能高聚物薄膜中央实验室

Multi-functional Polymeric Membranes Research Facility

### 波功能超材料中央实验室

Wave Functional Metamaterial Research Facility

### 实验动物中央实验室

Laboratory Animal Facility (GZ)

### 软件中央实验室

Central Research and Education Software Tools

### 全海洋动力中央实验室

Marine Hydrodynamic Research Facility

## 主题实验室

截至2024年4月，港科大（广州）已建立25个基于研究主题的主题实验室。

## Theme-based Labs

As of April 2024, HKUST(GZ) has established 25 theme-based Labs.



## 创校以来已获批的广东省、 广州市重点实验室及研究基地

Guangdong Provincial Key Laboratories, Guangzhou  
Municipal Key Laboratories, and Research Base  
approved since HKUST(GZ)'s formal establishment

### 广东省重点实验室

#### Guangdong Provincial Key Laboratories

随着当代物联网服务对数据以及计算需求的空前增长，本项目以推动泛在物联网架构和垂直应用领域的研究前沿为使命，开展包括智慧城市、基于数字孪生的智慧交通、智慧健康和自主系统在内的一系列研究。伍楷舜教授为实验室主任。

### 广东省普通高校人文社科重点研究基地

#### Guangdong Provincial Key Research Base in Humanity and Social Science of General College and University

基地整合城市科学、人工智能、元宇宙、可视化和人机交互等研究领域。通过对不同社区进行多模态数字公民和本土城市文化的研学，生成个性化的社区文化符号，激活社区共同记忆。该基地由闾林戈教授负责。

#### 广东省通感算交叉融合泛在物联网重点实验室

Guangdong Provincial Key Laboratory of  
Integrated Communication, Sensing and  
Computation for Ubiquitous Internet of Things

With the growing and unprecedented demand for data and computation extensive Internet of Things (IoT) services, this project aims to advance research frontiers in architecture and vertical applications of ubiquitous IoT, including smart city, digital twin-based smart transportation, smart health and autonomous systems etc. Professor Kaishun WU leads the project as head of the laboratory.

#### 人工智能城市文化研学基地

Artificial Intelligence Research and Learning Base  
of Urban Culture

The base brings together the fields of urban sciences, artificial intelligence, metaverse, visualization and human-computer interaction. The base focuses on multi-modal digital citizenship and local urban cultures, and serves as the platform for communities to learn and to generate individualized cultural symbols, keeping community memory alive. Professor Ge Lin KAN directs the base.

## 广州市重点实验室

### Guangzhou Municipal Key Laboratories

#### 广州市全域互连与网联智能重点实验室

Guangzhou Municipal Key Laboratory of Seamless  
Connectivity and Connected Intelligence

#### 广州市材料信息学重点实验室

Guangzhou Municipal Key Laboratory of  
Materials Informatics

#### 广州市大数据智能重点实验室

Guangzhou Municipal Key Laboratory of Big  
Data Intelligence

#### 广州市人工智能前沿交叉科学重点实验室

Guangzhou Municipal Key Laboratory of AI+Lab

#### 广州市集成电路设计工具（EDA）重点实验室

Guangzhou Municipal Key Laboratory of EDA

#### 广州市脑与智能重点实验室

Guangzhou Municipal Key Laboratory of Brain  
and Intelligence

#### 广州市未来网络系统重点实验室

Guangzhou Municipal Key Laboratory of Future  
Networked Systems

#### 广州市智能增减材混合制造技术与装备重点实验室

Guangzhou Municipal Key Laboratory of  
Intelligent Additive and Subtractive Hybrid  
Manufacturing Technology and Equipment

#### 广州市工业信息与智能重点实验室

Guangzhou Municipal Key Laboratory of  
Industrial Informatics and Intelligence

#### 广州市金融科技前沿研究重点实验室

Guangzhou Municipal Key Laboratory of FinTech  
Cutting-Edge Research Key Lab

#### 广州市自动驾驶重点实验室

Guangzhou Municipal Key Laboratory of  
Autonomous Driving



# 05

## 知识转移

## KNOWLEDGE TRANSFER



### 产业合作、成果转化与社会服务

INDUSTRY COLLABORATION, TECHNOLOGY TRANSFER, AND SOCIAL CONTRIBUTIONS

#### 鼓励校企合作

#### INDUSTRY PARTNERSHIPS

建校以来，已与上千家企业进行产学研对接，与百余家领军企业和知名科研机构签订了合作协议，与近10家行业龙头建立了联合实验室。

The numbers tell our story. Since our establishment, the University has entered into deep dialogue over collaboration with over a thousand companies, signed cooperative agreements with over a hundred leading enterprises and renowned research institutions, and established joint laboratories with nearly ten industry leaders.

#### 企业联合实验室 Joint Laboratories

香港科技大学（广州）- 大普通信高性能时钟芯片联合实验室  
HKUST(GZ) - DAPU Joint Lab

香港科技大学（广州）- 广州移动元宇宙联合创新实验室  
HKUST(GZ) - GMCC(GZ) Metaverse Joint Innovation Laboratory

香港科技大学（广州）- 创邻图数据联合实验室  
HKUST(GZ) - CreateLink Joint Lab

香港科技大学（广州）- 趣丸科技联合实验中心  
HKUST(GZ) - Quwan Joint Lab

香港科技大学（广州）- 安必平医疗数据智能联合实验中心  
HKUST(GZ) - The Ambiping Joint Medical Data Lab

香港科技大学（广州）- 特斯联科技集团联合研发中心  
HKUST(GZ) - Terminus Joint Research Center for Digital World with Intelligent Things

香港科技大学（广州）- 腾讯健康普惠创新联合实验室  
HKUST(GZ) - Tencent SSV Inclusive Health Joint Innovation Lab

## 创业孵化

### INCUBATING ENTREPRENEURSHIP



学校致力于打造以校园为核心，充分协同区域产业资源的创业生态圈，打造了INNOTECH创科嘉年华等一系列品牌活动，对接了百余家创投机构，与多家政府引导基金签署了合作协议，正在规划建设大学科技园。建校以来，校内创业项目涌现，目前已有超过70个不同阶段的师生创业项目，其中已成立公司超过30家，多个项目拿到一线VC的创业投资，正在快速成长为明天的独角兽企业。

Our entrepreneurship ecosystem is up and running on campus. It is now fully integrated with our Greater Bay industry partners. We have launched a series of initiatives, such as INNOTECH, cemented multiple relationships with venture capital funds and signed agreements with government-led funds to spawn start-ups. To date, a flurry of more than 70 start-up projects are at various stages of development, over 30 of which have been incorporated, with many receiving top-tier venture capital investments and looking very much like tomorrow's tech unicorns.

## 知识产权

### PROTECTING INTELLECTUAL PROPERTY RIGHTS



学校高度重视知识产权相关的管理、运营工作，致力于激励学校教职员工和学生科技创新，通过建立完善的科技成果转化体系，为学校科技成果转化提供有力支持。

The University is committed to high-quality and impactful research. We encourage technological innovation among our faculty, staff and students by providing professional and comprehensive support for scientific and technological transformations as well as intellectual property creation and licensing.

## 培训教育

### TRAINING AND EDUCATION INCUBATING THE TALENTS WE NEED



学校通过开展创新型高管培训、开发未来技术和技能公开课程、培育国际化高级工程技术管理人员、组织国际研学及大湾区创科加速营等学习交流项目，帮助处于不同发展阶段的创业者、企业家与高层管理人员，成为适应科技加速变革的创新领军者，赋能未来技术、促进社会经济可持续发展，力争成为培养中国高影响力战略新兴产业及科技领军人的首选之地。

The University

- offers a whole host of innovative executive training programs,
- develops future-oriented technology and skills open courses,
- nurtures internationally-oriented senior engineering and technical management personnel,
- organizes international study tours,
- hosts innovation acceleration camps in the GBA.

The goal is to

- harness future technologies,
- promote sustainable socio-economic development,
- become the world-class incubator for emerging industries and technology leaders.



# 06

# 校园发展

## CAMPUS DEVELOPMENT BIGGER AND BETTER



## 校园简介及风景展示

港科大（广州）占地面积约 **111.3** 公顷(1669亩)，项目分为两期建设，一期总建筑面积为 **63.6**公顷，现已投入使用。

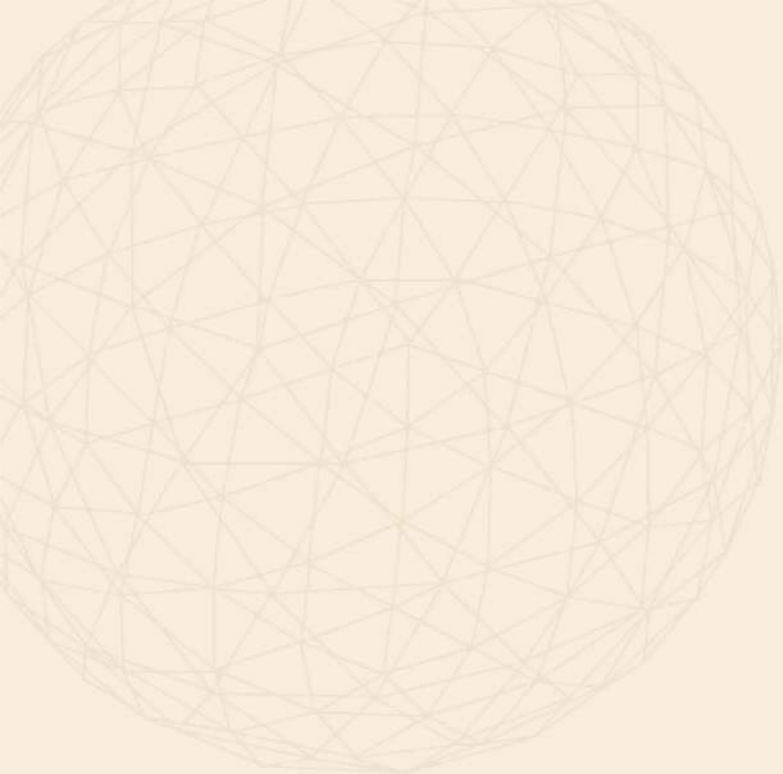
目前学校正积极推进二期建设，计划在2027年完成工程。

港科大（广州）参照国际标准、传承港科大可持续智慧校园的理念，让自然与建筑共融，致力创建绿色智慧校园。

## A BIRD'S EYE-VIEW OF CAMPUS DEVELOPMENT

The campus of HKUST(GZ) covers an area of about **111.3** hectares (1,669 mu), divided into two construction phases. Phase-I is about **63.6** hectares, and it is already officially put into use.

The construction of Phase-II is well underway, with a projected completion date of 2027. Built to the highest international standards and riding on the concept of HKUST's Sustainable Smart Campus, HKUST(GZ) targets nothing less than the harmony of architecture with nature, so that each of us can study or work on a Smart Green Campus.



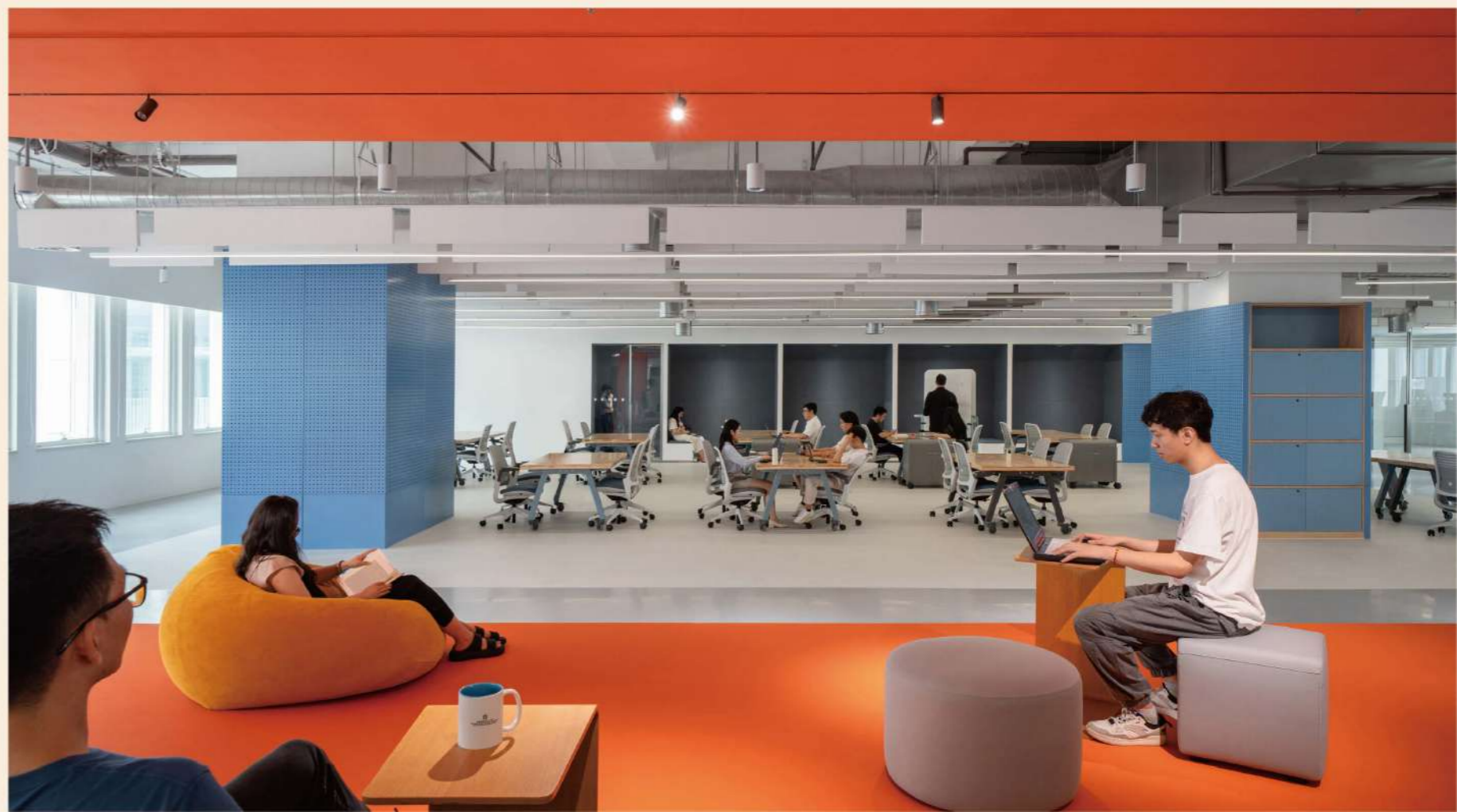
# 校园所获建筑类奖项一览

## Architectural awards HKUST(GZ) won to date

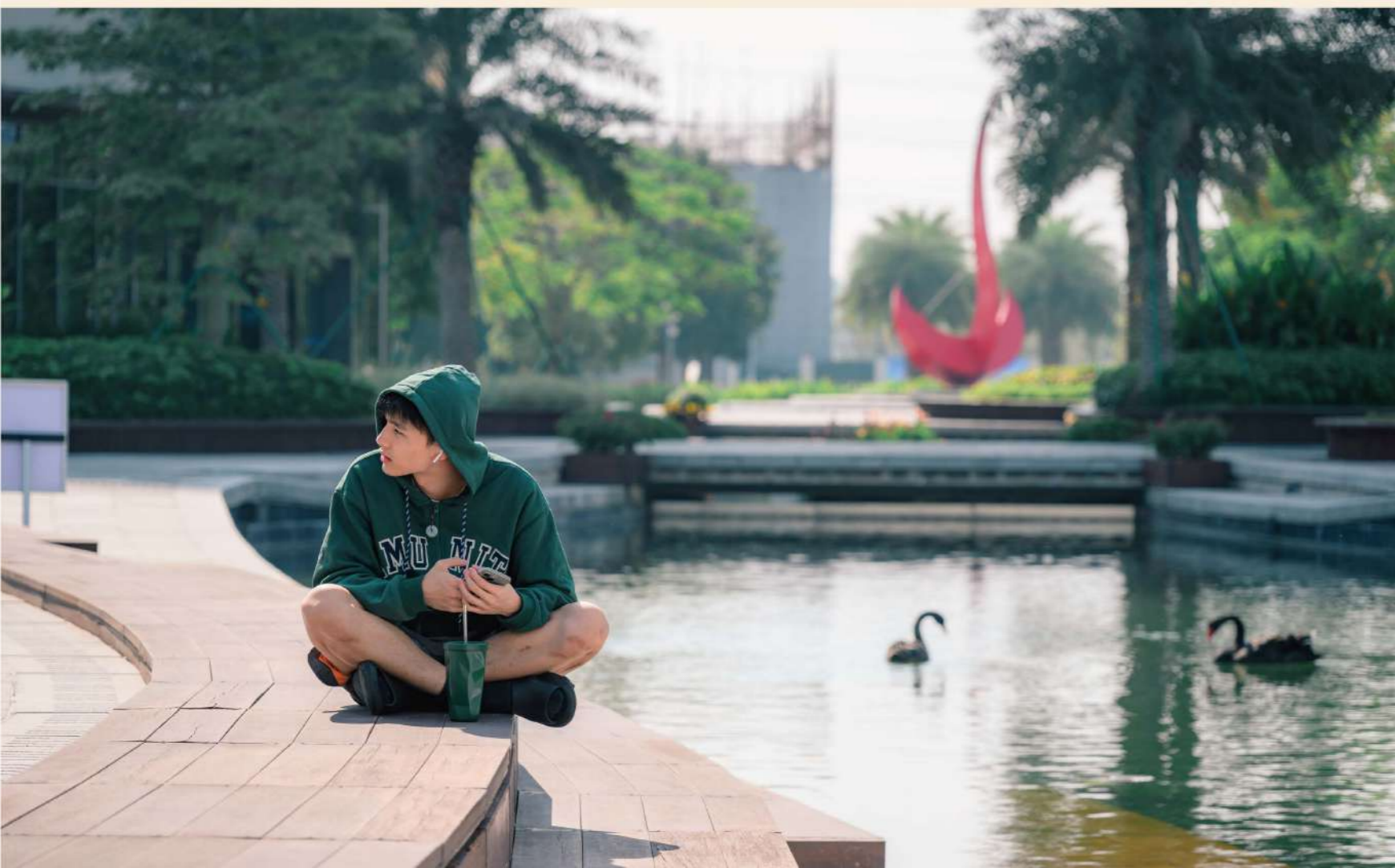


时间 Year	奖项 Award	类别 Category
2024	香港工程师学会卓越结构大奖 The HKIE Structural Division Structural Excellence Award	建筑类 Architecture
2023	A&D 大奖 A&D Awards	最佳教育建筑类别 Best Education
2023	MIPIM亚洲大奖 MIPIM Asia Awards	最佳基础设施, 社区及公共项目 Best Infrastructure, Community & Civic Project
2023	美国建筑师学会香港分会大奖 American Institute of Architects Hong Kong Awards	城市设计类, 建筑类 Urban Design, Architecture
2023	美国建筑奖 American Architecture Awards	学校和大学类 (校园整体规划与校园活动中心分别获得两个奖项) Schools and Universities (The overall campus planning and the Campus Activity Center each garnered an award)
2023	MIPIM大奖 MIPIM Awards	最佳文化, 体育和教育项目 Best Cultural, Sports & Education Project
2023	中国地产设计大奖 China Real Estate Development Awards	社会公共项目-文化与教育 Social Public Project-Cultural & Education
2023	绿色优秀设计奖 Green Good Design Awards	建筑类 Architecture
2023	国际建筑奖 International Architecture Awards	学校和大学类 Schools and Universities
2022	普罗奖 Pro+ Awards	公共建筑类 Public Architecture











[www.hkust-gz.edu.cn](http://www.hkust-gz.edu.cn)



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