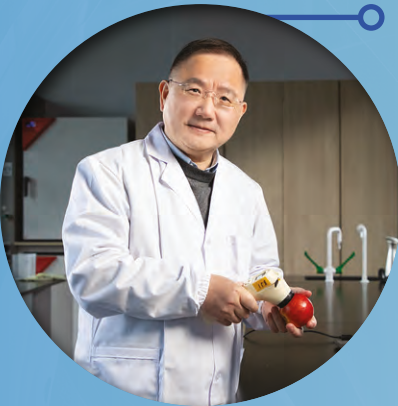


Staff Achievement Highlights



Prof FR ZHU

- President's Award for Outstanding Performance in Scholarly Work (2025)
- Gold Medal in China (Shanghai) International Invention and Innovation Exhibition Inventions (2024)



Prof CS ZHOU

- Faculty Performance Award in Research Supervision (2025)



Prof GC MA

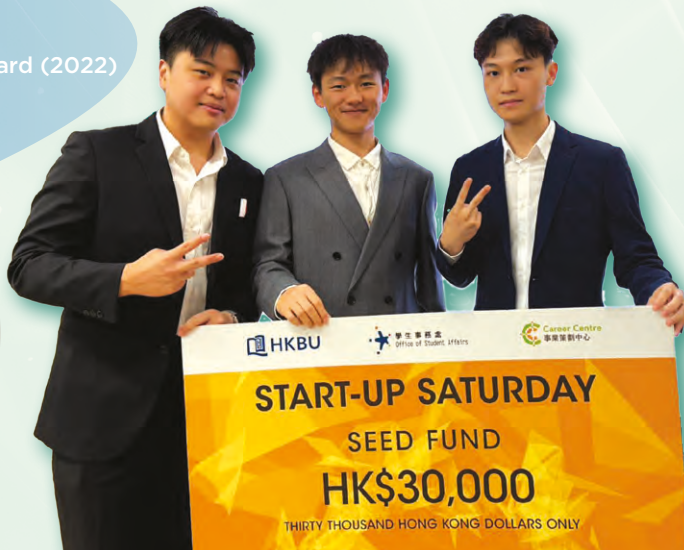
- Chen Ning Yang Award (2022)

Dr MH CHAN

- Silver Medal in the 49th International Exhibition of Inventions Geneva (2024)



Student Achievement Highlights



GEST student, Mr LIN Chun Yin, won a seed fund in the competition – “Start-up Saturday” to kick-start his business plan (2024)



GEST student, Ms FUNG Man Yuk and her team got Merit Award in the competition organized by the CLP – “Energy Saving and Low Carbon Innovation for Tomorrows Competition” (2024)



香港浸會大學
HONG KONG BAPTIST UNIVERSITY



Department of Physics
Faculty of Science



BSc (Hons) in Green Energy and Smart Technology

綠色能源與智能科技理學士（榮譽）

4-Year Programme, JUPAS code:JS2510

The program aims to equip young professionals with the knowledge and skills necessary for careers in the fast-growing field of smart and net-zero carbon city development. Graduates will be prepared for roles in carbon and energy auditing, ESG and sustainability consulting, AI and IoT solutions, green building design and management, green transportation, and more. The basic science training also prepares students for further studies in science and engineering.



Admissions and Programme Enquiries

Phone: 3411 5145/ 3411 5817
Fax: 3411 5813
Email: phys@hkbu.edu.hk
Location: SCT924, Cha Chi-ming Science Tower, Ho Sin Hang Campus,
Hong Kong Baptist University, 224 Waterloo Road, Kowloon Tong, Hong Kong

Website Instagram RedNote





Career Prospects

Our programme is to nurture young professionals with the knowledge and practical skills to develop and implement green and smart technology-driven approaches for a career in the rapidly expanding sector of smart and net-zero carbon city development.



Engineer/Scientist

- Smart Technology Company
- R & D Company
- Energy Utility Company
- IoT Solution Company

Green and Smart Building Energy Auditor

- Building Engineering Service Company

Carbon Audit and Sustainability Consultant

- NGO
- ESG Consulting Firms
- Sustainability Consultant

BEYOND THE CLASSROOM

Preparation for Professional Certifications

Energy Management Courses are also available to help students to prepare for professional certification examinations. Such training helps our students to prepare for taking global and local professional examinations*.

* Examples of available certificates:

- <https://www.aeecenter.org/certified-energy-manager/>
- <https://www.aeecenter.org/certified-energy-auditor/>
- <https://www.aeecenter.org/carbon-auditing-professional/>

Disclaimer: You are advised to verify the accuracy of the information relating to external bodies given on these webpages. HKBU does not represent or warrant the accuracy or completeness of such information, and shall not be held liable for any inaccuracies or omissions found therein.

Students passed the professional examination of the Certificate of Energy Manager (CEM) will receive scholarship from AEEHKC (Association of Energy Engineers Hong Kong Chapter).

Internship and Employment Examples



HE Zizheng
One-year Intern
Hong Kong
Observatory



ADESANYA Alaba Chukwuka
2024 Youth Start-up
Internship Programme
HKSTP



Kennie Huynh
Summer Intern
HK Electric

- Building and Environmental Consultancy Company
- Environmental Protection Department (EPD) of HKSAR
- Electrical and Mechanical Services Department (EMSD) of HKSAR
- MTR Corporation
- Nano and Advanced Materials Institute Limited (NAMI)
- ESG Company

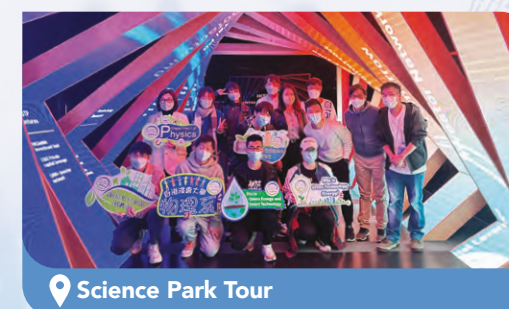
Experiential Learning Opportunities



Daya Bay Nuclear Power Station Tour



Service Learning Opportunities
2025, Cambodia



Science Park Tour



World Energy Engineering Congress (WEEC)
2024, Nashville, Tennessee (USA)