

Do you know? CityU EE ranks

No. 1 in Electrical Engineering in Hong Kong
15th in Engineering in the world
U.S. News Best Global Universities Rankings 2019

We have 1,012 EE Undergraduate Students

Now it is good chance to join us!
We have ~200 undergraduate positions per year!

Join us now!



Vol. 1.0

THE FUTURE Vol. 1.0 EDUCATION

New Tech
Education
Trends in HK

Why Electrical Engineering is the Future?

CityU EE empowers
STEM Education in HK

The Future Education

CityU EE



Vision

Message From Department Head

It is difficult to think of any area of life that has not been affected. Almost all the goods and services people use depend on technology related to electrical engineering (EE). EE Department is an exciting hub of discovery and innovation led by a group of passionate and knowledgeable faculty working in the fields to make innovation happen embracing the importance of multidisciplinary approaches in technology.



Prof. Stella Pang
Chair Professor
Head of EE

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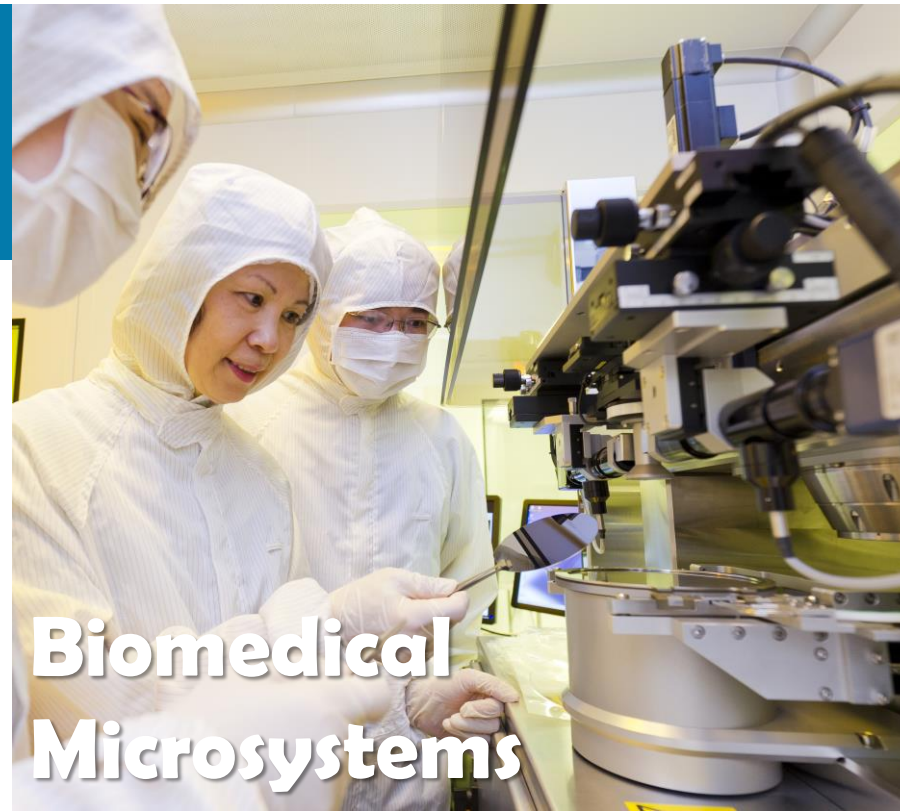
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New Tech Education Trends in HK

Electrical Engineering is crucial in designing and developing robotics and 5G in a modern world.

We endeavor to bring together students, faculty and other collaborators in a multidisciplinary work environment that support open-ended thinking in science, engineering, and entrepreneurship.



**Biomedical
Microsystems**



IoT Sensors



**Wireless
Communication**



AI and Coding

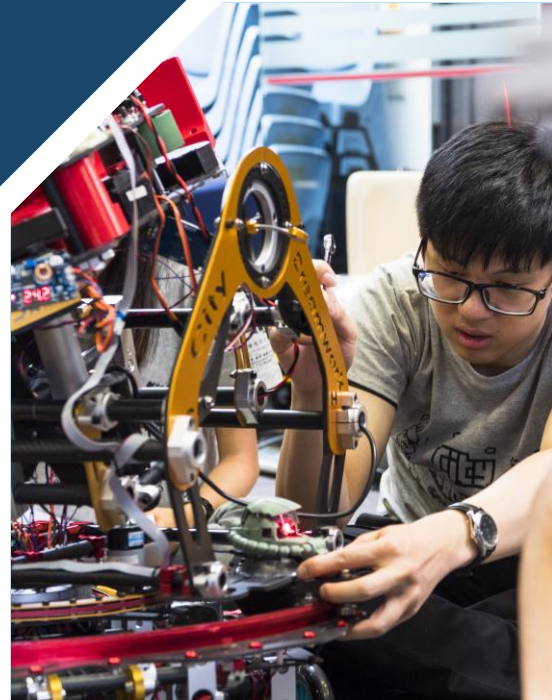
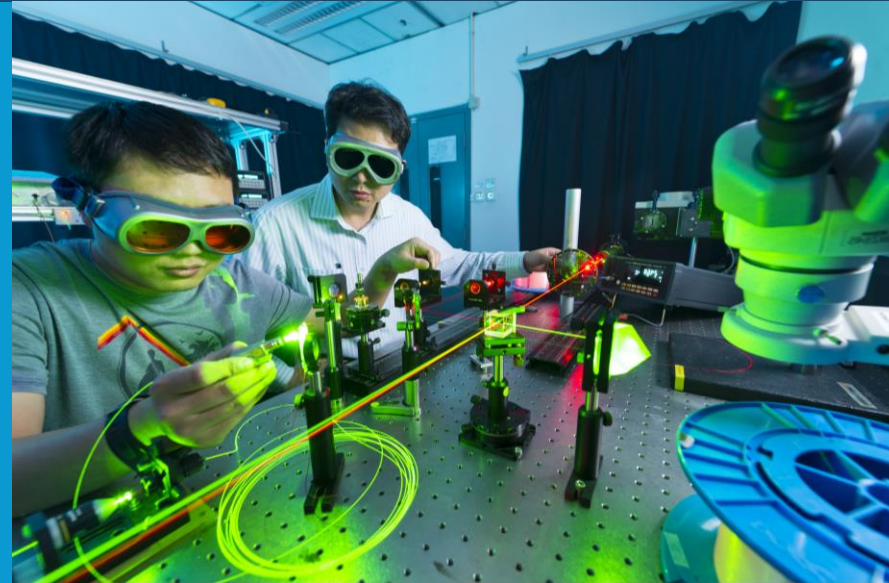
Technology nowadays is advancing in an unprecedented rate in human history and has brought dramatic new options in all aspects of everyday life – health care, education, job satisfaction, entertainment, communication, and commerce.



How to adopt new tech in STEM?



5G Lab Visit



Product Design



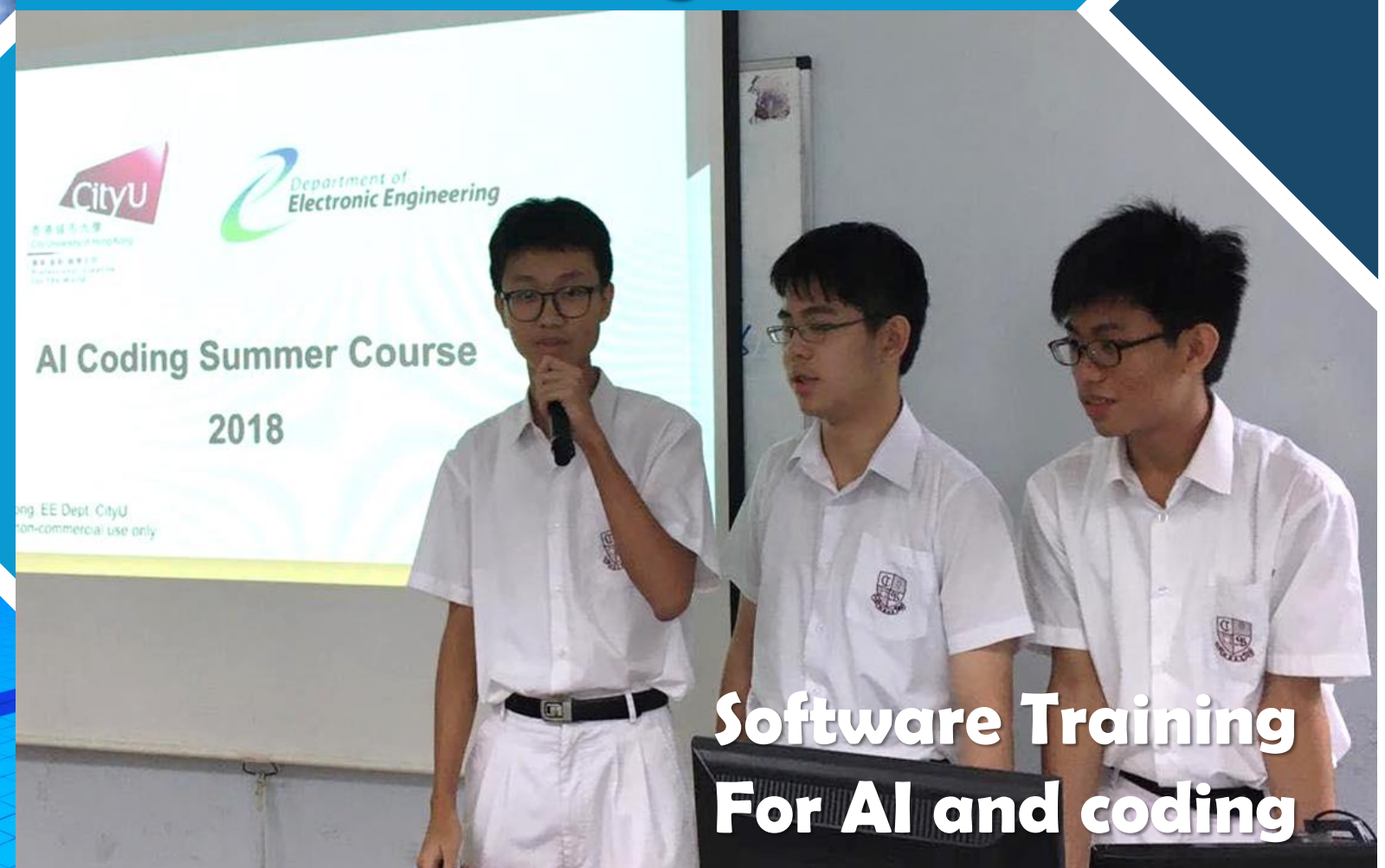
Robotics Hardware Training



IoT Lab Training



CityU EE provides hardware and software complete training to support secondary school students.

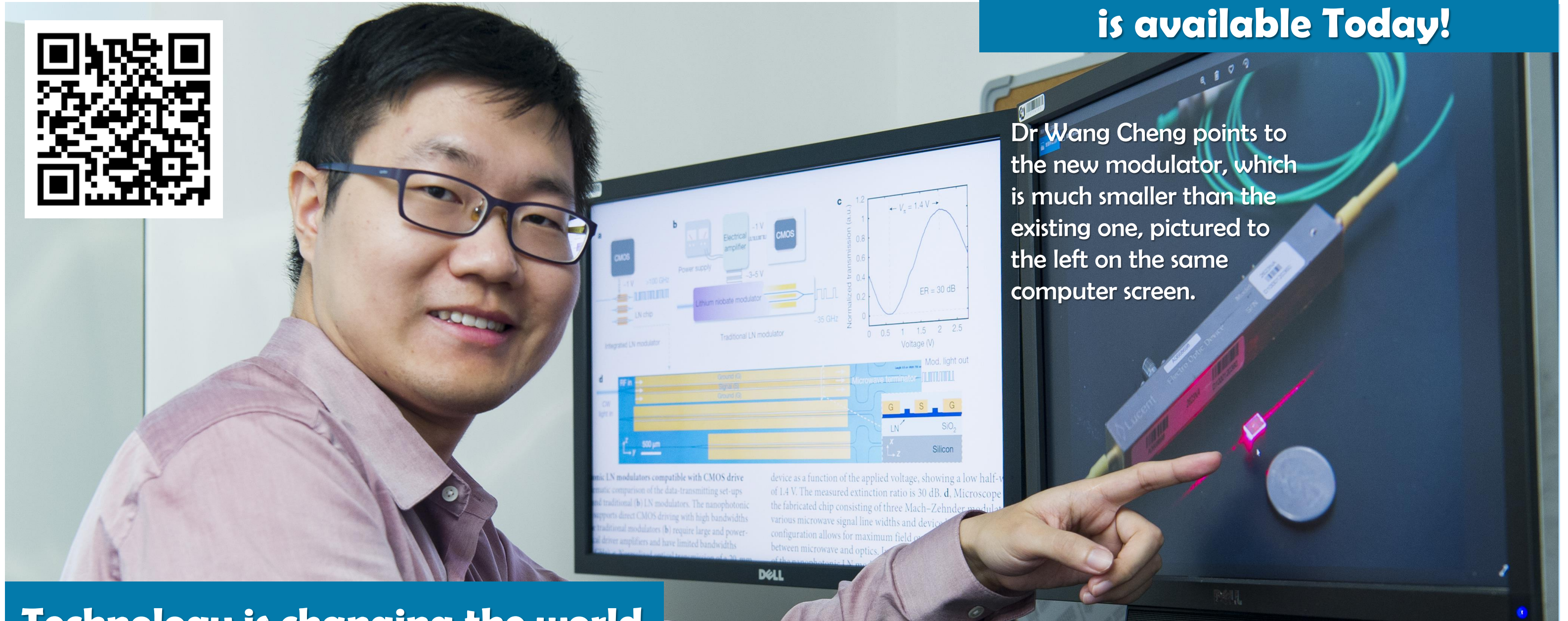


Software Training For AI and coding

Electrical Engineering is the Future!



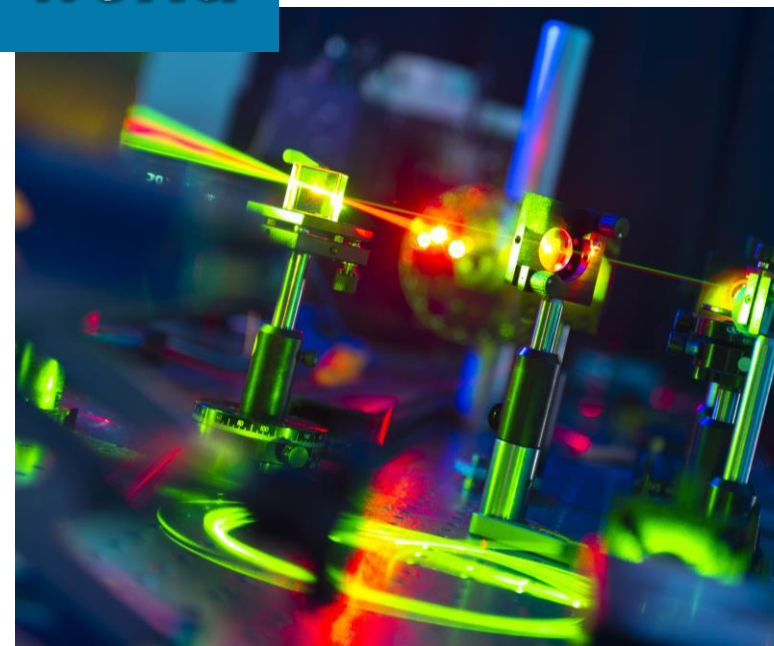
Future Photonics Technology is available Today!



Dr Wang Cheng points to the new modulator, which is much smaller than the existing one, pictured to the left on the same computer screen.

Technology is changing the world

- 1st in HK, 15th Worldwide, U.S. News Best Global Universities Rankings 2019
- 1st in HK, Prof. Ron Chen on Top Scientist list in Computer Science and Electronics by H-Index
- 1st in HK, Electrical and Electronics, World Universities by Shanghai Jiao Tong University 2018
- 55 Faculty members, 1012 Undergraduate students, 9647 EE Graduate Alumni



Other electrical engineering technologies affecting our future in CityU EE include Thz, Biomedical, Nano technology, AI and cloud computing that are all driven by experts and researchers





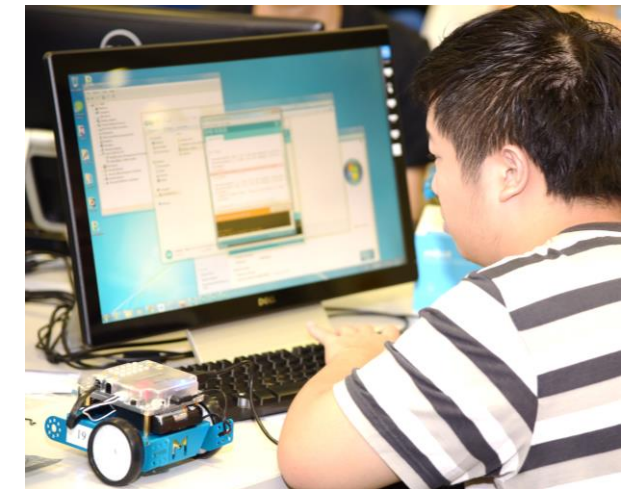
Future Leaders Achievements



Preparing students with excellent education in breadth and depth for engaging in future engineering professions.

Developing students' leadership skills, communication and creative thinking skills, global perspective.

Establishing wide range of entrepreneurial resources to promote innovation, creativity, and knowledge transfer.



CityU EE Summer Taster Programme 2019
for Secondary School Students

Remote Controlled Paraglider

10 July to 7 August 2019
9:30am - 4:30pm (Mon-Fri)

3 Options

- Full programme covering hardware and software development
 - Batch 1: 10 July - 7 Aug
- Beginner programme covering software development only
 - Batch 2A: 17 - 25 July & 7 Aug
 - Batch 2B: 29 July - 7 Aug

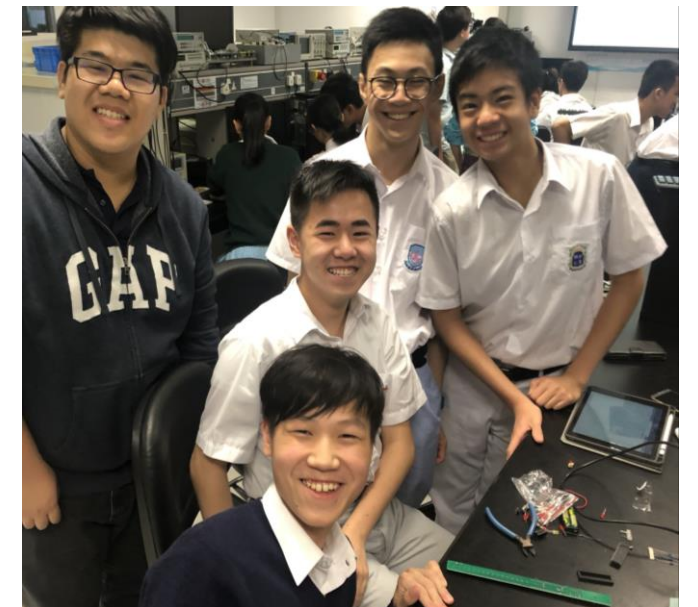
Target Students: S4 - S5

- Enrolled in Science, ICT, Physics, or M1/M2 subjects
- Have a strong interest in STEM
- Outgoing and confident in communicating with others

30 high school students from 15 local secondary schools joined a 2-week AI Summer Course.



EE International Summer Programme for International students, and High school students.



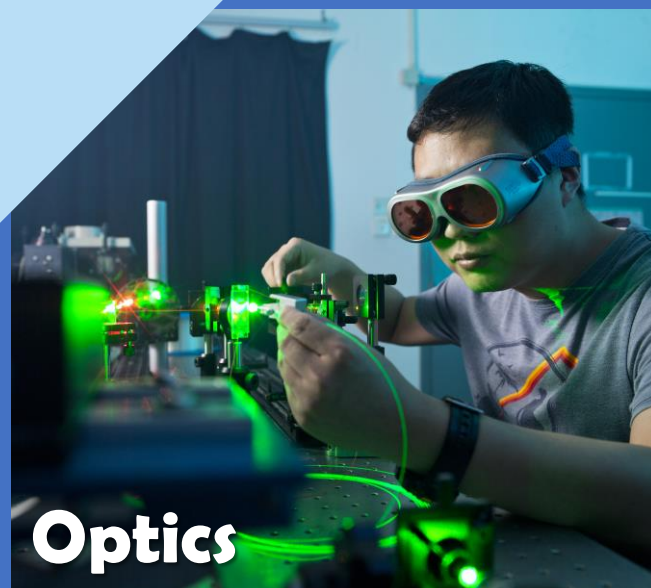
CityU EE Empowers STEM in High Schools

CityU EE Principal Nomination Scheme

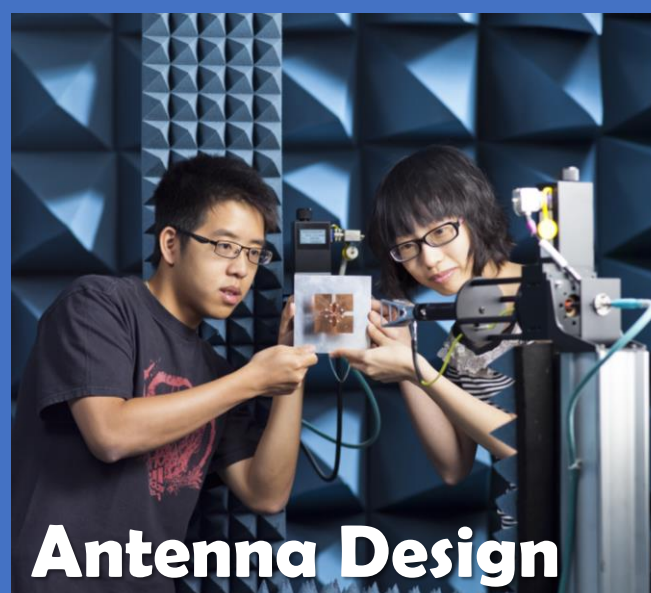
50 highly motivated high school students, have joined the scheme.



CityU EE Provides World Class Lab Facilities



Centre for Chaos and Complex Networks



Centre for Smart Energy Conversion and Utilization Research

State Key Laboratory of Terahertz and Millimeter Waves



Centre for Biosystems, Neuroscience, and Nanotechnology





Principal Nomination Scheme 2019

CityU EE Empowers STEM in High Schools



- SKH Lam Woo Memorial Secondary School
- HHCKLA Buddhist Ching Kok Secondary School
- Liu Po Shan Memorial College
- Kowloon Tong School (Secondary Section)
- Lok Sin Tong Yu Kan Hing Secondary School
- Po Leung Kuk Yao Ling Sun College
- Lai King Catholic Secondary School
- St. Teresa Secondary School
- C&MA Sun Kei Secondary School
- Sacred Heart Canossian College
- CUHKFA CCH Secondary School
- Munsang College
- HK True Light College
- Lui Cheung Kwong Lutheran College
- SW Chan College
- St. Paul's Convent School

Topics include: AI, Antenna, Invisible Cloak, Power Electronics, Bio-electronics, and Integrated circuit designs. Students also have hands-on workshop to understand what is EE.





Chloe Lam - Year-2 student,
ICT Student Innovation Gold
Awardee 2019

“EE department offers courses
on both the hardware and
software.”

Rica Ng - Final year Student,
Internship in Microsoft & Deloitte

“Even as a student without prior
computing background in high
school, I have managed to learn
essential coding skills and concepts
in Information Engineering.”



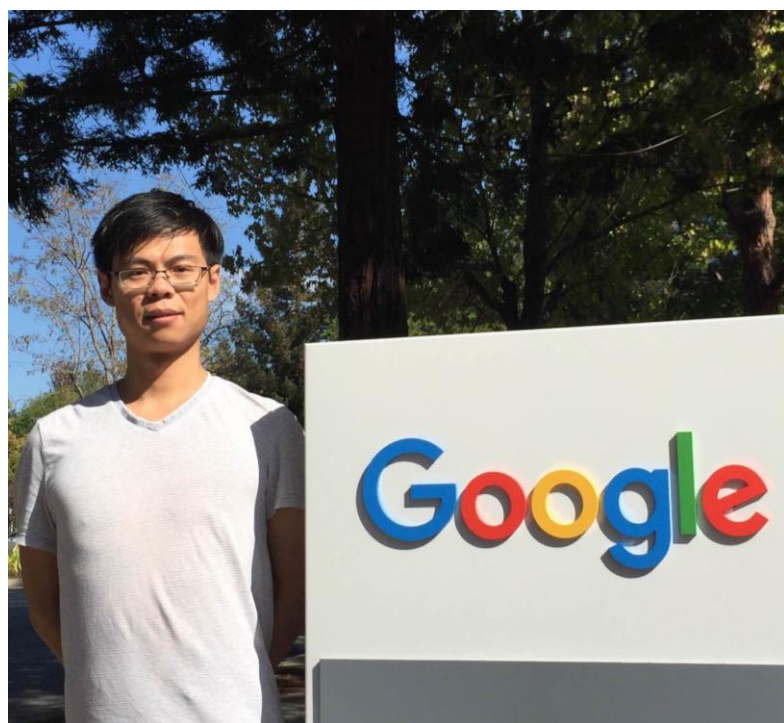
Samson Wong – EE 2018
Graduate, HSBC SafeGuard
Awardee, Microsoft Account
Technology Strategist

“The amount of supports from
EE are beyond my imagination.
Thanks to the industry-focused
courses related to modern
application development.”



Students' Voice





Vincent Hu
Software Engineer
Google Inc

“EE department has setup industry placement and internships with over 100 companies in Hong Kong.”



Departmental Advisory Committee Chairman
Dr Brian Y C LI
Executive Vice President
GP Industries Limited

“We hired many CityU EE graduates in our company and they have very good performance.”



Ir Dr Alan LAM
Chairman of Sengital Group

“CityU EE supplies many outstanding engineers and programmers to fulfill the demands from industries in the world.”

Bright Career Future

International Exchange



Enjoyable University Life is in CityU EE



JUPAS Info Day
CityU EE Department

Register Now:



Department Head: Prof. Stella Pang

Department Admission: Dr. Alex Wong

Student Recruitment: Dr. Ray Cheung

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