

CityU EE Tech Tour on 4th June, 2021 Proposal

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CityU EE
Tech Visit



Department of
Electrical Engineering

香港城市大學
City University of Hong Kong



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Background: 2018 SZ Tech Tour

- 20 EE Students + 4 EE Professors visited Shenzhen 2018
- Visiting 6 organizations including Tencent, Huawei, CityU (SZ), CUHK (SZ), Qianhai, SUST



Background: 2019 SZ Tech Tour

- 44 EE Students in 8 teams + 2 EE Professors visited Shenzhen 2019
- Visiting 8 organizations including Das Intellitech, Qianhai, R-Guardian, Anchor Point, Kingdee, Huawei, CityU (SZ), Corerain



Tech Tour 2021

- Due to pandemic situation in last year, the tech tour was cancelled. The current situation is not favorable for travelling. Thus, we would like to propose to organize a local tour for both undergraduate students and postgraduate students
- Theme: Technology Trends and Opportunities in Hong Kong
- Venue: Hong Kong Science Park (visiting HKSTP startup community, ASTRI, LSCM)
- Participants: Undergraduates and Postgraduates (target 100 students in 4 groups under 4 faculty members)





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Objective

- The main purpose of this activity is to arouse and cultivate students' interests in and enhance their knowledge of the recent development of Hong Kong Innovation and Technology industry. So we would like to organize a tech tour in Hong Kong Science Park to visit different startup companies, research center including ASTRI and LSCM, InnoHK lab, sharing sessions from HKSTP and industrial speakers.
- We designed the tour based on “play and learn” educational theory. By merging the visit to high tech companies, group project, competition and presentation, the tour will give an enjoyable experience to EE students to learn from interesting learning activities.
- 4 students will form as a team. They will learn from observation, communication, visit, experience and competition for both IoT technology in industry (knowledge) as well as teamwork (soft skills). Each team is required to bring at least one notebook computer.
- Expected outcome of this tour is to have fun, impressed by high tech industry, outreach, show off our EE outstanding students' performance and effective learning with presentation and competition.





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Run Down of the visit

4th June, 2021 (Friday)

8:00am	Pick-up at Kowloon Tong CityU Campus – University Circle	@CityU
9:00am	Arrival @ HKSTP	Travelling
9:30am	Sharing from HKSTP	@Golden Egg
10:15am	Sharing from CityU Tech Companies: Vitargent	@Golden Egg
10:45am	Sharing from CityU Tech Companies: Zetakey	@Golden Egg
11:15am	Sharing from CityU Tech Companies: CityImage	@Golden Egg
11:45am	Debriefing and Announcement	@Golden Egg
12:00pm	Lunch @ HKSTP	@HKSTP Lakeside 1 foodcourt
2:00pm	Visiting ASTRI / LSCM	@ASTRI and @LSCM
4:00pm	Presentation	@four rooms in Lakeside 2
5:30pm	Ceremony	@Golden Egg
6:30m	Leaving HKSTP	Travelling (fill in questionnaire)
7:00pm	Arrival @ CityU	End of program



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Theme of Tech Tour: HK Technology Trends and Opportunities

1. **[I&T Incubator]** Since 2002, we've cultivated successful Innovation and Technology (I&T) companies, formed strong local and international partnership networks and created a thriving community within HKSTP.
2. **[BioTech]** Established in 2010, Vitargent is a pioneer in the field of safety testing technology. With hands-on guidance from our Scientific and Business Advisory Boards, we combine technological expertise with social responsibility.
3. **[IT]** City Image Technology Limited has a mission of pioneering the development of 3D realistic view generation through timely innovations. We are experts providing high quality services of any 2D to 3D conversions. These include commercial advertisements, 3D photo, featured films, TV dramas, etc.
5. **[IoT]** Zetakey is an embedded Software Company. We are a group of embedded software experts with vast experience on embedded, open source softwares. We are offering IoT gateway solutions and HTML5 browser solution for Windows Embedded and Embedded Linux platforms based on Webkit and latest Open source projects. Our vision is to bring high quality open source software (OSS) to embedded and mobile devices..
6. **[R&D Center]** Hong Kong Applied Science and Technology Research Institute Company Limited (ASTRI) was founded by the Government of the Hong Kong SAR in 2000 with the mission of enhancing Hong Kong's competitiveness in technology-based industries through applied research.
7. **[R&D Center]** Logistics and Supply Chain MultiTech R&D Centre (LSCM) was founded in 2006 with funding from the Innovation and Technology Fund of the Government of the Hong Kong Special Administrative Region.



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Competition

- We have 100 student to form 20 Teams (5 students in each team) for four groups in this tour.
- Team R1-R5 teams are supervised by Dr Ray Cheung (facilitator)
- Team A1-A5 teams are supervised by Ir Dr Alan Lam (facilitator)
- Team B1-B5 teams are supervised by Prof Lin Dai
- Team C1-C5 teams are supervised by Mr Van Ting
- All students will need to prepare a notebook computer for this Tech Tour.
- All students are required to fill in Questionnaire after this Tech Tour.
- We will have group competition from four groups. Winning team will receive special gifts as the award.
- The faculty members are the key judges in the four groups competition. All the members in this tech tour can also contribute the marks for the presentation team by Live voting from google form
- After the visit, Each group will need to upload your Video & Photo to Dr Ray's google drive to archive for this Tech Tour



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