

EDB Smart City Project Programme 2017/18

Suggested Visits at PolyU

1. House of innovation

Introduction:

The foyer of the House of innovation features PolyU's innovative research projects and exceptional achievements from various disciplines including Biotech and Healthcare, Construction and Environmental Technology, Design, Engineering and Physics, Hotel and Tourism Management, Humanities and Social Science, Information and Communications Technology. It also has three dedicated areas themed on Textile and Fashion, Space Exploration and Structural Health Monitoring Technology.

Themed Showcases:

<https://www.polyu.edu.hk/ife/corp/en/innovation/showcases.php>



2. Industrial Centre

Introduction:

PolyU Industrial Centre (IC) is a “Technical Library” equipped with a complete collection of engineering facilities, equipment and technologies for staff and students to realize their research and project activities. They also provide hands-on learning activities for students to enhance their engineering knowledge and technical capabilities to further pursue their studies or dreams. The “IC experience” plays an important role in engineering education.

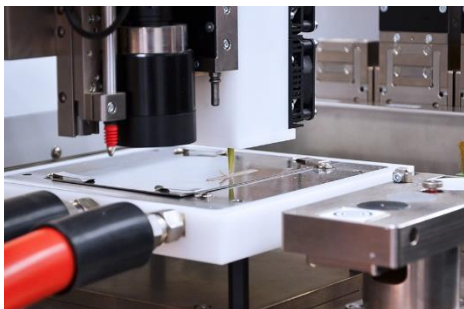
They have 6 technical streams and a research centre specializing in core and contemporary engineering and technological areas such as Additive Manufacturing, Digital Manufacturing, Electronics, Intelligent Automation, Composites, Fabrication, Building Services, Safety, Construction, Design Realization and Aviation MRO. These technologies are well-blended and integrated into different hands-on learning activities offered to engineering and civil engineering students as well as students of other fields, including Textiles & Clothing, Health Technology & Informatics and Design.

Industrial Centre website:

<https://www.polyu.edu.hk/ic/ai/vm.htm>

University Research Facility in 3D Printing:

<https://u3dp.polyu.edu.hk/about.php>



3. Green Deck

Introduction:

Neighbouring the heavily-loaded Cross Harbour Tunnel, PolyU has long witnessed problems in the vicinity – poor air quality, overloaded footbridge, poor connectivity within the district and lack of open space.

We have thus proposed the construction of a Green Deck over the Cross Harbor Tunnel plaza to tackle these problems.

Linking MTR Hung Hom Station podium and PolyU campus, the proposed 43,000 sq. m. deck area can accommodate a wide variety of recreational, cultural and sports facilities while solving existing problems in the district. This proposal will not only provide people with a green open space to unwind from the hustle and bustle of city life, but also help foster sustainable development through a number of research projects undertaken by PolyU experts.

The University is soliciting views from various stakeholders to work out a plan that will benefit the community as well as enhance the environment.

Website:

<https://www.polyu.edu.hk/cpa/greendeck/index.html>

Video introduction

<https://www.youtube.com/watch?v=0MltF0EsaU>

Leaflet:

<https://www.polyu.edu.hk/cpa/greendeck/leaflet/2/>

Full Report:

<http://www.polyu.edu.hk/cpa/greendeck/report>

