Technology Transfer Center

Where technology meets industry

建立合作橋樑，實現知識轉移
Scope of Knowledge Transfer at HKUST – Coupling Innovation & Entrepreneurship to Society’s Needs in Multi-dimension

- Knowledge Transfer
- Invention Harvest & IP Management
- Industrial Engagement & Collaboration
- Knowledge Dissemination & Community Engagement
- Entrepreneurship Cultivation & Education
- Startup Formation & Incubation
- Technology Licensing & Commercialization

HKUST TECHNOLOGY TRANSFER CENTER 香港科技大学技术转移中心
University Industry Research Collaborations

- Industrial partners can gain access to HKUST’s R&D strength in addressing their challenges and maintaining their competitive edges
- Industry may leverage government’s financial support in collaboration with HKUST
- By collaborating with industry, HKUST researchers can work with domain experts in developing applied solutions to industry challenges
- Researchers gain valuable experience in applied research and may become employees to collaborating companies
HKUST considers industrial collaborations to address society’s challenges a key Knowledge Transfer mission

Industry may collaborate with HKUST on project base or develop a long term collaboration model

Collaboration Modes

- Technology / IP Licensing
- Collaborative Research / Sponsored Research
- Partnership and/or Joint Laboratory or Research Center
Government Support for University Industry Research Collaborations from the Innovation and Technology Commission (ITC)
Selected Funding Support from Innovation and Technology Commission (ITC)

Innovation and Technology Fund (ITF) from Innovation and Technology Commission (ITC) (http://www.itf.gov.hk)

- Innovation and Technology Support Program (ITSP)
- Partnership Research Programme (PRP)
- Public Sector Trial Scheme (PSTS)
- General Support Program (GSP)
- Enterprise Support Scheme (ESS)
  - GSP – Internship Program
  - GSP – Patent Application Grant
<table>
<thead>
<tr>
<th><strong>Innovation and Technology Support Programme (ITSP)</strong></th>
<th><strong>Partnership Research Programme (PRP)</strong></th>
<th><strong>Enterprise Support Scheme (ESS)</strong></th>
<th><strong>Public Sector Trial Scheme (PSTS)</strong></th>
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</thead>
<tbody>
<tr>
<td>Platform Project</td>
<td>Seed Project</td>
<td>Guangdong-Hong Kong Technology Cooperation Funding Scheme (TCFS)</td>
<td>Up to 36 months</td>
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<tr>
<td><strong>Duration</strong></td>
<td>Not exceed 24 months</td>
<td>Not exceed 18 months</td>
<td>Not exceed 24 months</td>
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<tr>
<td><strong>Funding Cap</strong></td>
<td>Project exceeds HK$30 million, approval from the Finance Committee of the Legislative Council is required</td>
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<td><strong>Funding Cap</strong></td>
<td>$1.4M cap.</td>
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<td>$10M cap.</td>
</tr>
<tr>
<td><strong>Sponsorship from Companies (Format could be cash or in-kind)</strong></td>
<td>Platform: 10% of project costs</td>
<td>not mandatory</td>
<td>(1) Platform: 10% of project costs (2) Collaborative: 50% of project cost</td>
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<tr>
<td><strong>Fund Matching (Gov : Company)</strong></td>
<td>9 : 1 matching</td>
<td>n/a</td>
<td>(1) 9 : 1 matching or (2) 1 : 1 matching</td>
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<tr>
<td><strong>Cash Rebate Scheme [CRS]</strong></td>
<td>up to 40%</td>
<td>Requirements:</td>
<td></td>
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<td><strong>Requirements:</strong></td>
<td>(1) projects under the Innovation and Technology Fund (ITF) (ITF projects); and (2) projects funded entirely by the companies and conducted by the designated local public research institutions (“Partnership projects”).</td>
<td></td>
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<tr>
<td><strong>Intellectual Property Rights</strong></td>
<td>Company Sponsor &lt;= 10%: IP rights vest with lead applicant</td>
<td>Company Sponsor &gt;=51%: IP rights negotiable</td>
<td>Negotiable</td>
</tr>
<tr>
<td><strong>Call for Applications</strong></td>
<td>(Once a year)</td>
<td>Throughout the year</td>
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</tr>
<tr>
<td><strong>Licensing</strong></td>
<td>(a) Non-exclusive (default) (b) Exclusive (approve by ITF prior to project commencement)</td>
<td>If (1) -&gt; Non-exclusive If (2) -&gt; N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
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Innovation & Entrepreneurship Platform

Education
- Training - Seminars, Workshops
- Entrepreneurship Minor Programs & TLE

Competition
- One Million Dollar Entrepreneurship Competition
- hackUST, etc

Incubation
- The BASE
  - Entrepreneurship Program (EP)
  - SBM Incubator

Commercialization
- Tech-ship Program, Bridge Gap Fund
- IP Management and Licensing
- Contract research & sponsored research
- Investment

Mentorship
- MentorHUB

Outbound Development
- Overseas Learning and Development
- GBA initiative

UG: 10148  PG: 5906
Faculty: 697
STUDENT ENROLLMENT (AS OF SEP 2019)
TEACHING STAFF (AS OF JUN 2019)
(FULL-TIME EQUIVALENT)
https://www.ust.hk/about/facts-figures

UG: 0  PG: 106+150*
Faculty: 100*
*2020/21 projection
https://gz.ust.hk/admissions

1,564 Active Patents (since 1993)
131 patents used in new contracts (since 2016)
1250 + Competition Teams (since 2014)
62 TSSSU Startups (since 2014)
61 EP Startups (since 1999)
3 E-Fund Startups (since 2019)