

The Centralized Centre to support eLearning development at CUHK



The Centre for eLearning Innovation and Technology



The logo for ELITE consists of the letters E, L, I, T, and E, each formed by multiple parallel lines of different colors: yellow, green, purple, blue, and pink respectively.

ELITE's Vision

A central hub to **advance** CUHK's position as a global leader in education and technology

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ELITE's Mission

To develop and promote **culture**, **capacity**, and **competence** at CUHK in eLearning practices and technology **internally** and **externally**

Aims



1

To enhance the **visibility** and **leadership** role of the University

2

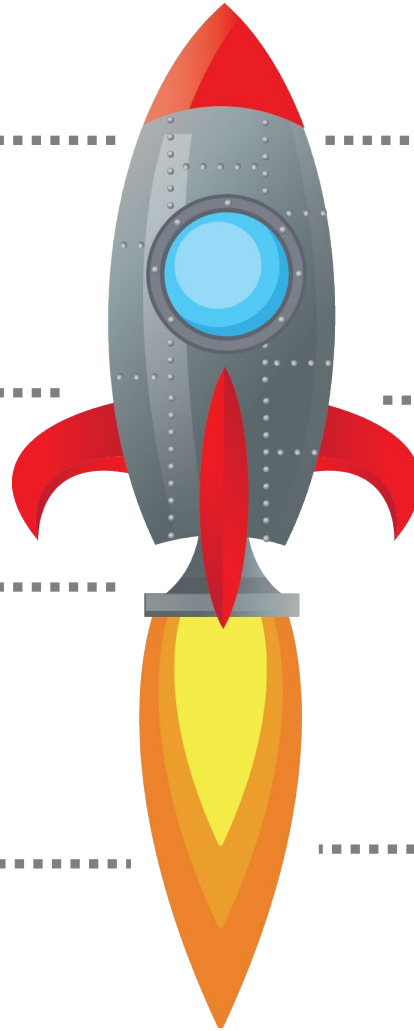
To enhance the **quality** and **pedagogy** of on campus courses through the adoption of eLearning and innovative pedagogies and production of eLearning content

3

To increase the **adoption of technology** used on campuses and in courses through development of MOOCs, SPOCs, micro-modules, etc.

4

To **lower the barrier** of entry for teachers to use eLearning technologies such as Open edX, data analytics, mobile learning, gamification, etc.



To **strengthen connection** with renowned universities via MOOC platforms and alliances

5

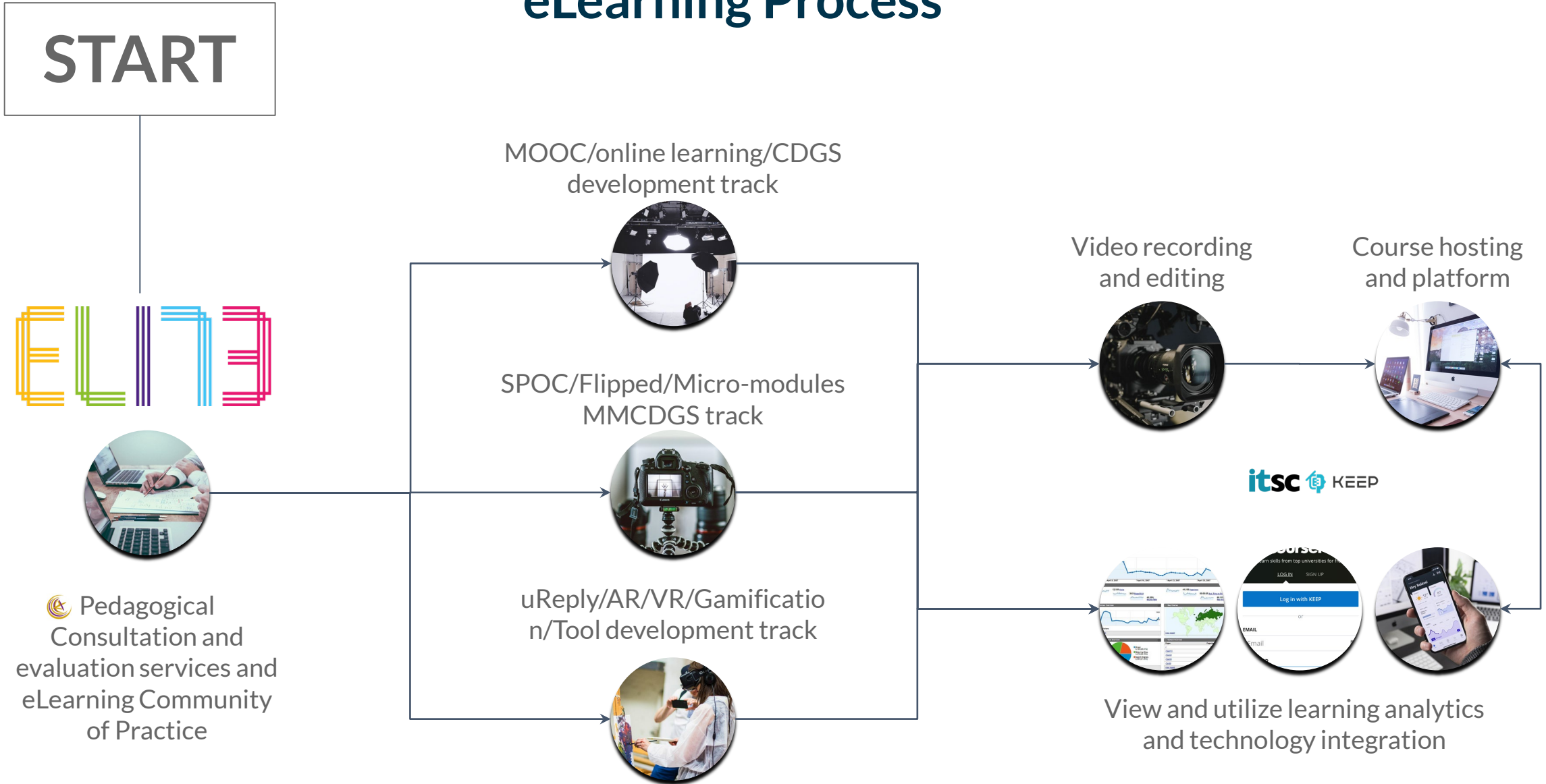
To build up the **eLearning capacity** of the University by continuously strengthening the infrastructure, including technical and pedagogy support systems, quality assurance mechanisms, as well as policies and procedures for eLearning operation management

6

To cultivate a **community of practice** within the University on the use of eLearning and innovative pedagogies to enhance the quality and pedagogy of on campus courses

7

eLearning Process



Services provided by ELITE under 8 Main Pillars



P1 - Multimedia content co-creation



P3 - Instructional design support



P5 - Advanced eLearning analytics



P7 - Innovative tech like VR/AR/MR, gamification, geolocation



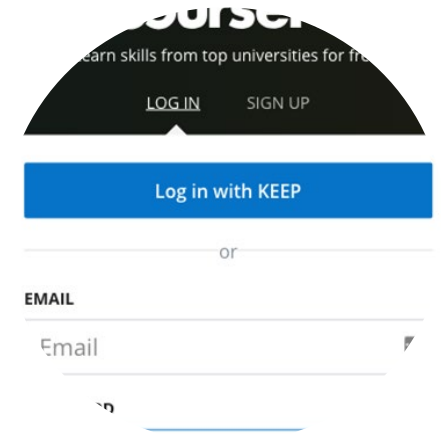
P2 - MOOC development



P4 - Online learning



P6 - Personalized profile & learning paths



P8 - Technology integration



P1. Multimedia content co-creation

- Support co-creation and upgrade of content to latest formats by supporting department-level eLearning initiatives through MMCDGS and CDGS schemes
- Develop a multimedia best practices repository and network

EXAMPLE: Work with general education units to digitize all GE content for future-proof use



P2. MOOC development

- Promote and develop high quality multimedia content for CUHK MOOCs according to the MOOC Strategic and Action Plan 2019-22
- Select and highlight courses in trending topics (EXAMPLE: Fintech, AI, machine learning, etc.)



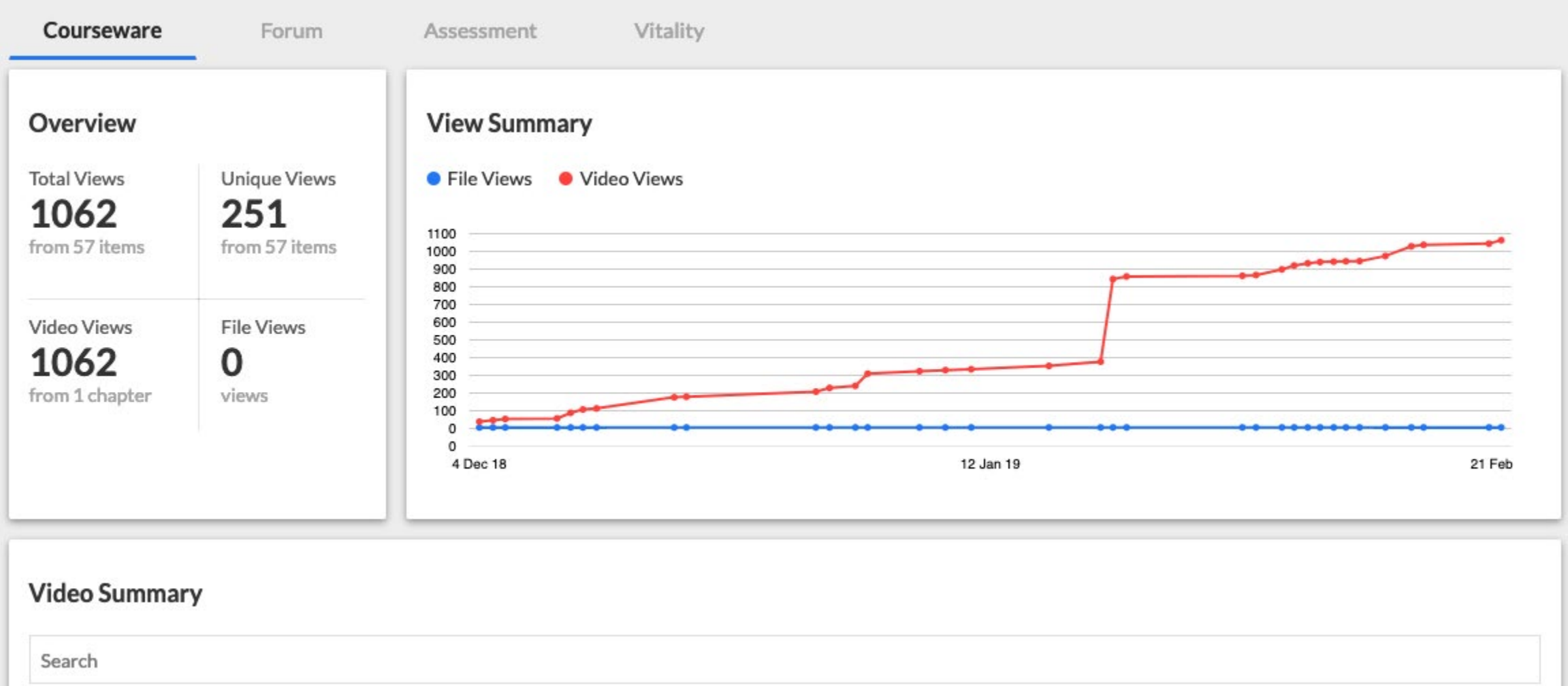
P3. Instructional design support

- Utilize pedagogical consultation and evaluation services to support new teachers
- Provide training by hosting workshops and one on one support sessions to help both novice and advanced teachers in eLearning through the eLearning Community of Practice



P4. Online Learning

- Assist programmes to offer online delivery of non-credit bearing or other courses
- Developing master degree programs and/or progressional credit bearing that are full or partially online-delivery starting with the Faculty of Business, Science, Engineering, etc. in Fintech, AI, etc.
- Develop secondary-school enrichment and outreach programs for generalized topics (i.e., Intro to Computer Science) in partnership with existing initiatives like CLAP and CUHK AI projects.



P5. Advanced eLearning analytics

- Developing simple and easy-to-process analytics dashboards at the student, teacher, university, and system level to effectively monitor eLearning at all levels
- Provide advanced data-mining and analytics for specific courses, faculties, and the university to support grant-writing and educational technology research learning & enhancement



P6. Personalized profile & learning paths

- Create the ability for students to access personalized learning paths and career discovery
- Develop rich learning profiles for each student for the duration of their university career and beyond (EXAMPLE: Integrate the career services support content, CLAP & Soft Skill Mentor, with student profiles)



P7. Innovative tech like VR/AR/MR, gamification, geolocation

- Aid teachers in learning how to use and integrate the latest technologies such as AR/VR/MR, gamification, real-time polling, geolocation into their content and learning environment
- Continue to support uReply in aiding teachers in classroom teaching



P8. Technology integration and upgrades

- Support deeper technology integration with existing services such as KEEP 2.0, VeriGuide, Blackboard, and uReply, and other external vendors
- Develop APIs and upgrade the platform to continuously integrating the newest technologies

Envision the Future of CUHK eLearning





The research grant application process.

Teaching Development and Language Enhancement Grant 2019-22

(Project Completion by 30 April 2022)

Call for Applications

Deadline: Friday, 27 September 2019

*Submit to: Ms. Sally Ching, Secretary of SCTL, via email to
aqs@cuhk.edu.hk*

with subject "TDLEG application"

1. The Teaching Development and Language Enhancement Grant (TDLEG) is allocated by the University Grants Committee (UGC) to encourage institutions to (a) adopt innovative approaches to teaching development and language enhancement, (b) improve the learning environment for students, and (c) promote professional development of teaching staff.

Apart from supporting the experiment of innovative approaches through individual projects, universities are encouraged to implement initiatives that will lead to changes in teaching and learning at system level, as well as identifying good practices that can be replicated across the sector.

Teaching Development and Language Enhancement Grant (TDLEG)

2. In the 2019-22 triennium, while the University will sustain its efforts to encourage current and new initiatives in support of the strategic priorities of language enhancement, innovative pedagogies, eLearning and internationalization, additional efforts will be geared towards new strategic directions identified by the University.

Funding allocation will be used to support proposals with alignment to the existing University's themes including "Global Citizenship and Social Enterprisingness", "Innovation and Design" and "Internationalization at Home", as well as new themes including "Contribution to the 17 United Nations Sustainable Development Goals" and "Engagement of Students as Partners in Curriculum and Teaching and Learning Development".

Teaching Development and Language Enhancement Grant (TDLEG)

3. Innovative projects with **joint efforts of several units** are encouraged so that projects of similar nature can coordinate with each other to gain University-wide synergy and outcomes to widen the impacts across and beyond the University.
4. For this triennium, the UGC will evaluate how the funding is used to support worthwhile initiatives resulting from previous UGC funding schemes, such as (i) the Funding Scheme for Teaching and Learning Related Proposals and (ii) the Collaborative Language Enhancement Projects.

Teaching Development and Language Enhancement Grant (TDLEG)

	ASSESSMENT CRITERIA	WEIGHTING
1.	<p><u>Benefits</u></p> <p>(i) Enhancement of quality of learning environment for students/Promotion of professional development of teachers</p> <p>(ii) Alignment with University’s strategic goals and directions (e.g. “Contribution to the 17 United Nations Sustainable Development Goals”; “Engagement of Students as Partners in Curriculum and Teaching and Learning Development”; “Internationalization at Home”; “eLearning”)</p>	20%
2.	<p><u>Viability, deliverables, outcomes and impact</u></p> <p>(i) Project objectives, outcomes and deliverables</p> <p>(ii) Applicability, replicability and sustainability of project outcomes</p> <p>(iii) Clear specification of evaluation plan with well-defined KPIs</p> <p>(iv) Systematic planning to and feasibility in achieving specified objectives, outcomes and deliverables</p> <p>(v) Dissemination and diffusion of project outcomes</p>	50%
3.	<p><u>Cost-effectiveness</u></p> <p>(i) Justifiability of proposed budget against expected deliverables/outcomes</p>	15%
4.	<p><u>Track record/ Innovativeness</u></p> <ul style="list-style-type: none"> • For existing projects: Track record of existing/past projects undertaken by the Principal Supervisor(s) that are relevant to the project proposal • For new projects: Innovative approaches 	15%

PART V BUDGET OF THE PROJECT PROPOSAL

1. Estimated expenditures to be covered by TDLEG

Item	Amount (HK\$)			Amount (HK\$)	Justifications
	2019-20	2020-21	2021-22		
(a) Staff cost [please include information on type of staff, duties, rank, duration, number of staff, mode of employment and monthly salary/man-hours, etc.]					
(b) Student helper					
(c) Equipment cost [please itemize and provide detailed breakdown]					
(d) Conference attendance					
(e) General expenses [please itemize and provide detailed breakdown]					
(f) Others					
Total:					

2. Endorsement of request for equipment as listed in Part V 1(c) from Department Chairman/ Unit Head

Endorsed by _____ Date _____

Signature of Principal Supervisor _____ Date _____

Application Form

PART I SUMMARY OF PROPOSAL

PART II DETAILS OF THE PROJECT PROPOSAL

PART III RELEVANCY TO THE THEME(S) OF THE PROPOSAL

PART IV DETAILS OF PAST PROJECTS

PART V BUDGET OF THE PROJECT PROPOSAL

- The maximum grant for each faculty-level proposal is HK\$1 million and for each department-level proposal is HK\$0.5million, and no limit is set for proposals on university-wide initiatives.
- Budget should be prepared in broad categories of “staff cost”, “equipment cost”, “general expenses”, and “others”. Detailed breakdown and justifications should be provided for each of the categories.
- Selected good samples of previous projects funded by the MMCDG Scheme are available at https://www.cuhk.edu.hk/eLearning/c_tnl/mmcd/MMCDShowcasesReport2019.pdf to provide reference for the level of funding expected for similar deliverables to be achieved.

Thoughts on Writing Grant Proposals

- Begin with an end in mind
- Read and follow the requirements
- Think of your audience (put yourself in reviewers' shoes)
- Be explicit and clear about outcomes/deliverables
- A second opinion should be first nature
- Submit by the deadline!

Further Questions?

Secretary of SCTL, via email to aqs@cuhk.edu.hk



Research grant writing in progress.

<https://www.ifm.eng.cam.ac.uk/research/grant-writers-handbook/drafting-the-proposal/>