



UNIVERSITI
MALAYA

Learning Spaces

Learning Spaces

The idea of Learning Space was first introduced in 2012, where the transformation of Space at the Faculty of Engineering took place, with the aim of creating classrooms that are more modern and livelier thus more conducive/attractive for students.

Following this initiative, new Learning Spaces were built in UM, and a special grant by the office of DVC (Academic and International) was distributed to accepted proposal.

ADEC, Faculties and Department of Development and Estate Maintenance (JPPHB) worked closely in the project.



A good learning environment is important for an optimum student engagement.

In December 2019, ADEC made a visit to all faculties and centers in UM.

The visit was purposely aim to update the Learning Space database, which list out all learning spaces in Universiti Malaya.

The database can be accessed at tinyurl.com/w5scbhb5.

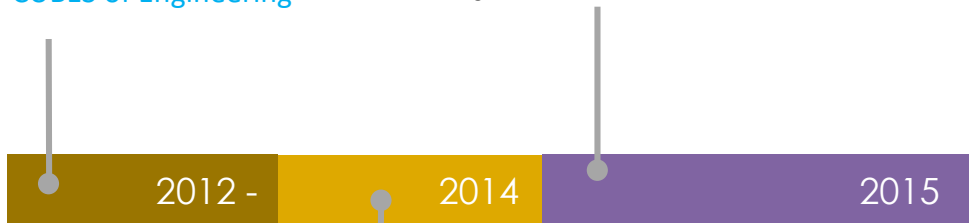
Learning Spaces

EVOLUTION OF UM LEARNING SPACE

Transformation of Space at the Faculty of Engineering with the aim of creating to be more modern, lively THUS conducive/attractive for students.

CUBES of Engineering

- **LS Grant given by DVC A&I (RM500K)**
- **Managed by ADeC**
- **Grant allocated to 7 faculties through bidding of proposal**
- **10 Projects awarded and implemented**
- **Cooperation between ADeC, Faculties & JPPHB**



- Transformation of Space at the campus level by the Office of DVC Development
- Dedicated Allocation
- Dedicated Group of Staff
- Development of Cubes in
- UM
- Central and faculty-based
- Formal & Informal Spaces

The philosophy

UM is making a serious effort in providing teaching and learning space conducive for student-centred learning / high impact teaching and learning practices of takes place.

The drive

The Management committee has agreed that all faculties / centres/ academy must comply to learning space (student-centred) criteria for any renovation work (excerpt Minit Mesyuarat JK. Pengurusan : 4.7.2012; Perkara : 17 ; MP75/2012). The management commitment on this matter was further reinforced with the renovation of classroom into 'TheCUBE' project in 2012 in several faculties (effort by DVC-Dev).

**UM's learning space policy
finally instituted in 2012**

category

MULTIFUNCTIONAL LEARNING & ENGAGEMENT SPACES

– ADAPTABLE/FLEXIBLE CLASSROOM

The CUBE is a feature learning space as it embodies the spirit of how a room in a university should be designed and used for collaborative learning. It is a classroom when it needs to be a classroom, and it can also be a learning commons at the next minute, and a seminar room the next. The way the faculty of education designed, used and manage this room is an example for the whole campus.

The learning space or CUBE as it is endearingly called is centrally located and highly accessible to all. Students from not just the faculty of education but throughout the campus are free to use this room for collaborative study and groupwork outside of class session which is regularly schedule here. The mainstay for today's generation of learners i.e. wifi access points and plenty of power sockets are available.

Although small, different type of space is located within the CUBE. There are mobile table and chairs for different configurations of seating, corner space for sitting, sofa and comfortable seating, and single study table for those who want to study alone.

Wisma R&D UM



Faculty of Engineering



Faculty of Education



Learning Spaces

category

MULTIFUNCTIONAL LEARNING & ENGAGEMENT SPACES

- RUWAQ AL-AKADIMIYYAH – ACADEMY OF ISLAMIC STUDIES

The name Ruwaq is defined as a space for teaching and learning at the al-Azhar al-Sharif Mosque in Egypt. The concept provides a unique environment for teaching and learning where the teacher sits at a higher plane to emphasise the virtue of adab or good ethics between the teacher and student. The open plan design allows for cooperative learning through a halaqah or circle, headed by the teacher as the authority in knowledge.

The design of the room features a vast open sitting space where classes are held. Since the space have minimal furniture, it is dynamic whereby students may move and form groups freely. Two LCD projectors are provided so that the users may use each screen independently, with screen sharing software.



Learning Spaces

category

LEARNING COMMONS

The learning commons is a concept where a space is used as a place for connecting learners and constructing knowledge. These spaces are normally centralised, and includes several different functions such as areas for group work, individual study spaces, instructional rooms, computer pools, multi-media labs and soft seating areas.

Services can be provided for the students at the commons such as academic advisory, technology and media support and resources, writing, library research skills etc.

Example : <http://canadianlearningcommons.ca/>

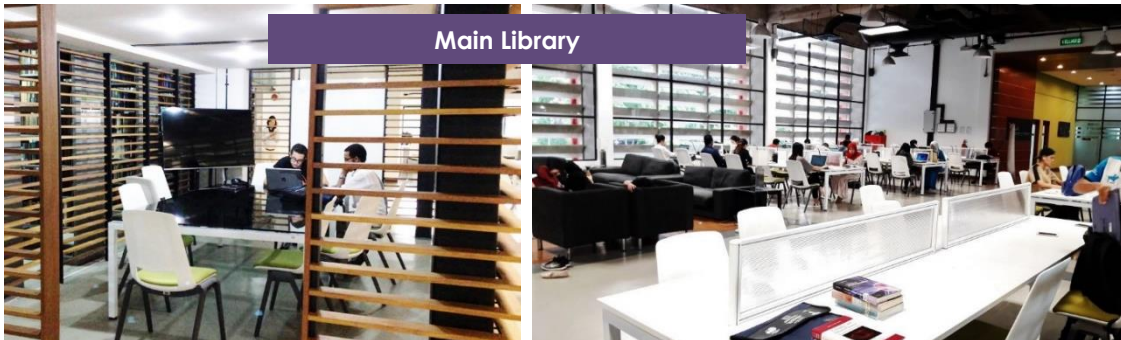
Faculty of Business
and Accountancy



Faculty of Computer Science &
Information Technology



Main Library



Learning Spaces

category

MAKERSPACE

-FACULTY OF ENGINEERING

A makerspace is a collaborative work space designed to facilitate exploring, learning and making using equipment, tools and materials. In a higher education setting, a makerspace is a hub for student to work on their study project or to have the access to indulge in their hands-on hobby. The makerspace phenomenon which started as a contemporary DIY subculture has pervaded higher education sector. There is vast potential in the use of makerspaces as a rich learning environment that encourages a multidisciplinary and independent learning approach to education and research that benefits society directly.

In the faculty of engineering, the makerspace consisted of different bays for student projects from different departments. There is shared equipment such as rotary drill that can be used by all makerspace users. In the future, more shared equipment such as 3d printers, laser cutters, soldering irons, power tools etc can be provided for student users. There are plans to build another makerspace in the faculty of Built Environment.

Examples: <https://edtechmagazine.com/higher/article/2017/07/maker-movement-poised-thrive-higher-education>
<https://peer.asee.org/a-classification-system-for-higher-education-makerspaces.pdf>
<https://www.tandfonline.com/doi/pdf/10.1080/00048623.2016.1228163>

Learning Spaces

LEARNING SPACE SEMINAR
Sharing of Best Practices

26 OCTOBER 2016
AUDITORIUM, ASIA-EUROPE INSTITUTE
UNIVERSITY OF MALAYA, KL

FEES Early Bird* Normal
RM 400 RM 500
FREE ADMISSION TO UA MAGNETIC MEMBERS**

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Academic Development Centre (ADC)
Level 14, Wisma R&D University of Malaysia
Jalan Pantai Belitana, 50603
Kuala Lumpur

Sharing of Best Practices. SEMINAR

This one-day experiential learning seminar featured two exciting activities for the participants: group visit to selected 4 Cubes in UM and on-site discussion on the impact of interactive learning spaces for students' development.



Photos from the Learning Space Seminar – Participants visited Learning Spaces in UM; Faculty of Education, Faculty of Medicine, Faculty of Education and Faculty of Engineering

Response	Percentage
Doing a good job	45%
Not doing a good job	55%

So, should we redefine the definition of Learning Space?



The NEW Learning Space

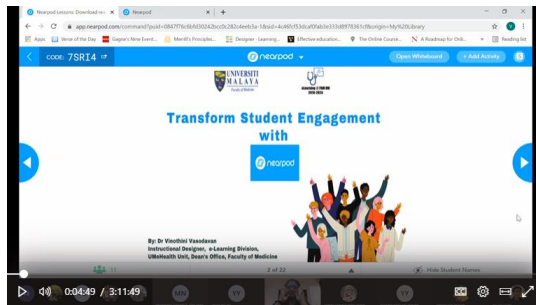
Learning space or learning setting refers to a physical setting for a learning environment, a place in which teaching and learning occur. The term is commonly used as a more definitive alternative to "classroom," but it may also refer to an indoor or outdoor location, either actual or virtual – *Wikipedia*.

NEW DEFINITION ?

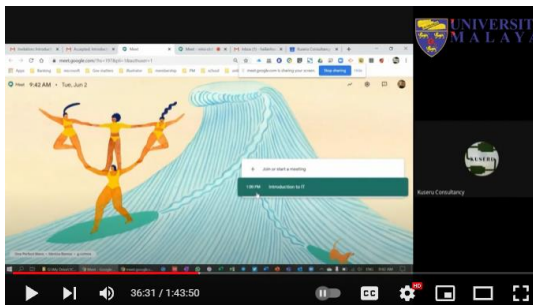
Creating Learning Space

ADEC is now focusing on virtual learning spaces, helping educators in transitional their conventional classes into online mode.

Some of the trainings held are as below;



Transform Student Engagement with Nearpod




Online Platform For Academicians Google Hangout Meet





How to Teach in A Hybrid Learning Environment



Designing and Developing Courses


**UNIVERSITI
MALAYA**


**WEBINAR**


**VIRTUAL LEARNING SPACE
Enabling Teaching
and Learning with
Microsoft Teams**

19 November 2020 | 11am - 1pm

DETAILS
Date : 19 November 2020 (Thursday)
Time : 11am - 1pm
Platform : Microsoft Teams
Session will be carried out in class mode.
To join the channel, go to
bit.ly/MSTeams_LearningSpace

**TRAINER**
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#UMTeachOnline



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Learning Spaces

-END-

Prepared by FFJ

Pusat Pembangunan dan Penambahbaikan Akademik

Academic Development and Enhancement Centre (ADEC), Universiti
Malaya