



## About the Centre for Instructional Technology (CIT)

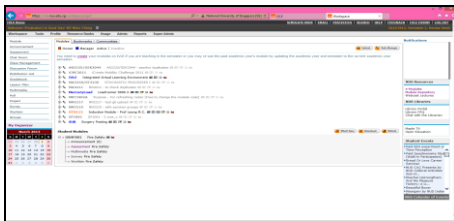
CIT is a specialist centre that provides technology and audio-video related services to enhance, supplement and support teaching and student learning at the National University of Singapore.

In 2003, CIT became the first educational technology centre to be ISO 9001:2008 certified for its courseware, lecture recording and audio-video production services.

## Instructional Development

### Integrated Virtual Learning Environment

[ivle.nus.edu.sg](http://ivle.nus.edu.sg)



From class rosters with photographs, online syllabus, assignment repositories, lesson plans, discussion forums, chat rooms, assessments, surveys, project and peer management, webcast lectures, class and exam time tables and library e-reserves, NUS' course management system combines all the resources needed to manage and supplement course modules effectively.

IVLE is available on iOS and Android smart phones.

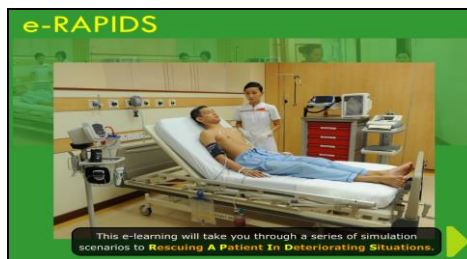
### Module Website (K:\drive)

The module website can be used to supplement modules taught at NUS. Faculty have a 'freehand' in designing and creating their module website. The module website is attached as the K:\drive when faculty login to the campus network.

### Course Development

CIT offers instructional design and content development services to enable faculty to transfer their modules and classroom-based lessons into interactive multimedia modules!

Talk to us on the options available to create interactive course modules.



CIT has rapid content development tools and video resources to allow faculty to create and add highly interactive and engaging multimedia contents quickly and easily.

### NUS Blogs

[blog.nus.edu.sg](http://blog.nus.edu.sg)

A blog service to encourage active participation, reflection and discussion among students and faculty on topics posted by the faculty and students.

### NUS Wikis

[wiki.nus.edu.sg](http://wiki.nus.edu.sg)

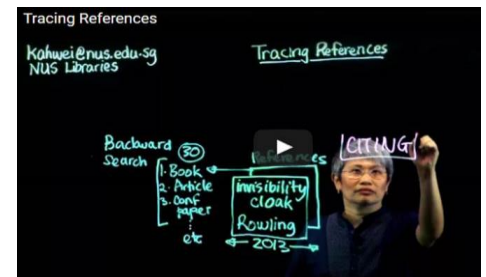
An enterprise-wide Wiki service for the NUS community. You can create a collaborative glossary, knowledge base or work on documents which require multiple user input.

### iBLOCs and MOOCs

[cit.nus.edu.sg/iblocs-moocs](http://cit.nus.edu.sg/iblocs-moocs)

With proven positive learning outcomes, NUS has embarked on a strategy to move selected modules from a lecture format to a blended learning format (called internal Blended Learning Online Courses). NUS faculty are trained how to conduct blended learning courses. CIT project manages and develops all blended learning courses with the faculty.

CIT is also responsible for the development and support of MOOCs and Specialisation MOOCs on Coursera.



## Lecture Capture

### Webcast & Podcast Lectures

[nuscst.nus.edu.sg](http://nuscst.nus.edu.sg)

The lecture webcast system displays a video of the lecturer, synchronized slides and an index to the video and slides. Lectures, seminars, corporate events are also webcast at NUS. This service reinforces learning and reduces the need for note-taking during lectures.

All webcast lecturers are converted into audio recordings and viewable on smart phones.



### Self-Service Lecture Capture

Faculty interested in recording the lectures themselves can consider screencast. Screencast or digital screen recording is the process of capturing video of what is happening on your computer screen while you narrate over it. CIT offers three software for screen recordings – **Camtasia**, **Panopto** and **Ink2Go**.

Ink2Go is licensed to students to enable them to submit multimedia assignments.

## Conferencing

### Web Conferencing

Web conferencing allows you to have lectures, seminars or meetings online, without using specialized video conference hardware. Meet, discuss and collaborate online using a computer with a webcam and microphone connected to the internet.

With web conferencing, fully interactive and collaborative lectures can be conducted online involving remote students anywhere around the world.

CIT supports **Webex** for online lectures and e-meetings.



Audio and video conferencing can be done at most locations on campus. Specially designed interactive distance learning classrooms using push-to-talk micro-phones and multiple cameras are available around campus.

Other conference services supported are online meetings, PhD. thesis review and interactive seminars.

Staff can also video conference from their home or office, using CIT's multi-mode conferencing service. It allows tablets and mobile devices to link up with remote conferencing devices.

## Multimedia

### Video Capture Services

Video capture services include a single camera fully scripted video to a live multi-camera switching capture of academic teaching clips, public lectures & conferences, talk shows & events.

### Audio Video Assessment Course

The course is made up of two modules: elements of video and delivery. This course enables NUS staff & students to get an insight into the video production process and equips them with the knowledge to evaluate videos.



### University Town Multimedia Hub

Located at University Town, this Hub contains a professional recording studio, audio recording booths and a post-production multimedia classroom. This facility can be used for teaching and self-recording.

### Video Management System

[mediaspace.nus.edu.sg](http://mediaspace.nus.edu.sg)

A video management portal that is similar in features and functionalities to YouTube but available for NUS entities to manage and publish their media assets to a centralized location for permanent archiving.

## Resources & Services

### Plagiarism Prevention Service

[cit.nus.edu.sg/plagiarism-prevention](http://cit.nus.edu.sg/plagiarism-prevention)

This service supported by Turnitin, assists faculty in detecting plagiarism in student assignments. Faculty can submit assignments on behalf of students or students can be directed to submit their assignments to this service.

### MindMaps

[mindmap.nus.edu.sg](http://mindmap.nus.edu.sg)

Mindomo is a web-based mind mapping tool, which delivers the capabilities of desktop mind mapping software in a Web browser. This mindmapping tool also enables you to collaborate on mindmaps.

### PeerQuestions

[peerq.nus.edu.sg](http://peerq.nus.edu.sg)

PeerQuestions is an opt-in service that enables you to receive questions and feedback by SMS and wifi during your lectures from a web browser, without interrupting the flow of your lecture or presentation.

CIT has [classroom clickers](#) that can be loaned to faculty on a long-term basis.

### NUS YouTube

[www.youtube.com/nuscast](http://www.youtube.com/nuscast)

### TeamUp

[teamup.nus.edu.sg](http://teamup.nus.edu.sg)  
[teamupstudent.nus.edu.sg](http://teamupstudent.nus.edu.sg)

TeamUp allows you to create teams with whom you can chat, exchange links and files. This can be done via web, mobile or desktop apps.

Unlike other chat apps, you need not share your phone number to use it. Also, replies to messages can be threaded so that communication is kept in context.

### Active Learning Classrooms at NUS

These classrooms enhanced with audio-visual equipment and mobile furniture, is designed to support project & inquiry-based group discussions and class presentations.



## CIT Projects

### Technology Enhanced Assessments



NUS leverages on ExamSoft to support online authentic open and closed-book assessments. Fully automated, e-Assessments are conducted in centralized locations using the students own notebooks (BYOD).

If you need more information on e-Assessments, do contact CIT.