

Facilities

Centre for IT in Education

The mission of the centre is to enhance the management, delivery and impact of instructional processes through applications of information and communication technologies. One of its main roles is to continuously explore and establish technology mediated facilities and tools that will support the teaching and learning activities of the Institute. The Centre will be setting up an advanced integrated learning system that will allow staff and students to participate in on-line multimedia instruction and learning. The Centre also aims to equip itself with new advanced computing systems and devices so as to support staff and students to undertake research on innovative applications of IT in education. The Centre continues to provide technical assistance for staff members in the production of video presentations, computer generated graphics and animation as well as the designing and developing of interactive instructional materials.

Computer Services Centre

The NIE Computer Services Centre provides Information Technology services to staff and students in the campus. The objective is to educate, support and promote IT initiatives of the Institute in the areas of administration, teacher-training and educational research.

The Centre is equipped with E10K, a few Alpha Servers, fourteen Sun Servers and several Enterprise Window NT Servers. These computers support the NIE Administration, Academic Computing, Library and Office Automation Systems (including Email).

The Fibre Network Infrastructure enables a distributive computing environment in the campus. Main Servers, network servers, high-end workstations and network laser printers are integrated with thousands of personal computers in the campus. Not only are

staff and students able to access the NIE computer facilities, they can also gain access to NTU computer facilities, NTU Library system and other Intranet services from their personal computers.

Internet services are provided to all staff and student so that they can access overseas computing facilities for research, group discussions and transfer of information. All lecture theatres are connected to Singapore-One through high-speed direct Internet connections. Staff and students can also access the computer facilities from their home Internet PCs. The Centre gives every student and staff an account ID for the electronic mail system.

Computing Facilities

To integrate the use of IT into the NIE curricula, the Institute has 24 computing laboratories which are divided into (i) specialised laboratories under the charge of the respective Academic Groups; and (ii) common access laboratories under the charge of the IT Sub-Deans of the Education, Arts and Science Academic Clusters. The Institute has two laboratories which are Macintosh-based: one serves as a Macintosh Centre for the Institute and the other is for English Language teaching. Each of the remaining PC-based laboratories is equipped with Pentium machines. All the computer systems are networked and connected to the Internet.

These laboratories are used to support teaching and learning in the various programmes. They are used to teach trainee teachers and in-service teachers attending the foundation course module in instructional technology as well as those attending course modules on the integration of IT into the school curriculum subjects. When these laboratories are not being used for teaching, they are available to students for project work which includes the creation of computer-based teaching and learning materials.

Library

With its panoramic views, the new Library provides a conducive environment for study and research. It occupies three floors (Levels 2, 3 & 4) of the Library and Canteen Building (Block 4). The Library has a collection of about 250,000 volumes and it subscribes to 1,145 journal titles. The resources include ERIC (Educational Resources Information Centre) documents which date back to 1989 and curriculum resource materials for teachers. Other notable collections include the C.J.Koh collection which focuses on teacher training/education and teaching methods, test materials and theses collection.

The Library also provides access to electronic resources such as CD-ROMs, online databases and electronic journals as well as a wide range of audio-visual materials. Its online catalogue is accessible via the campus network as well as the Internet. (<http://library.nie.edu.sg/webopac2.htm>)

i) Facilities and Services

The Library has a large computer laboratory on Level 4. It houses 90 PCs and 10 printers. Audio-visual facilities are located on the 3rd storey. Microform readers/printers and self-service photocopiers are also available in the library.

Bibliographic instruction on the use of library resources and library tours can also be arranged upon request at the Reference Counter.

ii) Membership

The Library serves about 9,800 members who include staff and students of the Institute and education professionals in the Ministry of Education, schools and other related organisations. All full-time students are automatically registered as members of the Library. Non-graduating students and students on short courses

and ad-hoc programmes have to register at the Library before they can borrow any library materials.

iii) Publications

Students will receive a copy of the *Library Guide* when they register. It contains a summary of the resources and services that are available to students. More details can be found on the Library Website at <http://library.nie.edu.sg>.

Select bibliographies on various subjects have also been compiled. These are available on the web (<http://library.nie.edu.sg/biblio/index.html>)

iv) Opening Hours

The Library opening hours are as follows:

		Loan Counter	Media/Reference Counter
During Term	Mondays to Fridays	8.30 am – 8.00 pm	8.30 am – 5.00 pm
	Saturdays	8.30 am – 5.00 pm	8.30 am – 12.45 pm
During Vacation	Mondays to Fridays	8.30 am – 5.00 pm	8.30 am – 5.00 pm
	Saturdays	8.30 am – 1.00 pm	8.30 am – 12.45 pm

Note: Loan services are shut down 15 minutes before the Library closes.

The Nanyang Playhouse

The Nanyang Playhouse is a free-standing building close to the Arts Building. It houses purpose-built spaces for the Drama programme - performance area, workshop, rehearsal room, wardrobe, classroom and office. The performance area is a 'black box' - that is, it is predominantly black to minimize interference with all-round lighting design capacity, and has no fixed seating. A flexible system of portable risers and platforms allows for many configurations of audience seating and temporary stage arrangements. Seating numbers vary according to the set-up used: the maximum is around 150, and 120 could be regarded as optimal. The spaces constitute the Drama programme's teaching areas as well as being used for performance. Other programmes and groups may request use of the theatre; the main considerations will be whether the space can be made free at the requested times, and the limits of available technical manpower. The Drama programme operates from within the Visual and Performing Arts Academic Group.

Sports and Games Facilities

There are outdoor and indoor sports facilities at the Institute's Physical Education Complex. Outdoor facilities include an artificial hockey pitch, a teaching pool, four tennis courts, two sepak takraw courts and five outdoor courts which can be used for basketball, netball, handball and volleyball. For indoor sports, there is a large multipurpose sports hall which can accommodate several activities. There is also a gymnasium catering specially for gymnastics, a dance studio and five squash courts.

Canteens

The canteen is located on basement 1 of the Library Building. There are 10 stalls in the canteen selling a variety of food and drinks. The canteen is open from 7.00 am to 6.00 pm on Mondays to Fridays and from 7.00 am to 2.30 pm on Saturdays. Other canteens are also available within the Yunnan Garden Campus of NTU.

Public Payphones

Public payphones are located on the first level of Buildings 1, 2, 3, 5 and 7 and in the canteen. Most of the public payphones accept both coins and phone cards.

Car Parks

There are 6 car parks in the campus which are open to staff, students and visitors. However, sections of Car Park "T" and Car Park "Y" have been designated as "Staff Car Park" and only vehicles which have an NIE car label are permitted to park there. Wheel clamping is enforced in the campus. Vehicles which are parked illegally or indiscriminately may be wheel clamped. A fee of \$50 is imposed for the release of the wheel clamp.

Bicycle Stands

Bicycle stands are located in Basement 1 of Buildings 2, 3 and 7 and Basement 2 of Building 5.