
GENERAL INFORMATION

1992 – 93

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NANYANG TECHNOLOGICAL UNIVERSITY
NATIONAL INSTITUTE OF EDUCATION

REFERENCE

NCE

AA05009

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ENQUIRIES

All enquiries on admission to programmes offered by NIE must be directed to:

Manager
Student Affairs Division
National Institute of Education
469, Bukit Timah Road
Singapore 1025

Because of the large number of candidates seeking admission, it is regretted that no telephone or personal enquiries will be entertained.

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The information in this handbook is based on information available at the time of publication. The Institute reserves the right to make alterations without notice.

NATIONAL INSTITUTE OF EDUCATION

Establishment

The National Institute of Education (NIE) was established on 1 July 1991 as an institute of the Nanyang Technological University (NTU).

Functions & Objectives

The NIE has taken over the role of teacher education in Singapore from the former Institute of Education (IE) and College of Physical Education (CPE). It is now the only tertiary institution in Singapore engaged in teacher education.

Building upon the foundations laid by the former IE and CPE, the NIE is entrusted with a bolder mission to upgrade teacher education to keep pace with improvements made in Singapore schools. There will be a higher commitment towards excellence in teacher education, especially with the implementation of the degree-level programmes introduced in 1991. There will also be greater scope for research in Education, Physical Education, the Humanities and the Sciences.

Programmes

The Institute offers a variety of programmes leading to a range of qualifications from certificates through diplomas and bachelor degrees to postgraduate degrees.

The 4-year bachelor degree programmes aim to produce graduates with the skills to teach in primary schools. The programmes lead to the award of the following degrees:

- Bachelor of Arts with Diploma in Education
- Bachelor of Science with Diploma in Education
- Bachelor of Arts with Diploma in Education (Physical Education)
- Bachelor of Science with Diploma in Education (Physical Education)

Other programmes of initial teacher-training lead to the award of the following qualifications:

- Postgraduate Diploma in Education (which qualifies a university degree holder to join the teaching profession and which has several specialisations, namely, secondary school teaching, primary school teaching and teaching of Physical Education)
- Diploma in Education (which qualifies non-graduates to teach in primary schools)
- Diploma in Physical Education (for non-graduates to teach PE)

Teachers of special education schools, with the skills to teach children with special needs more effectively, are trained in another programme offered by the Institute which leads to the award of the:

- Diploma in Special Education.

The Institute also conducts formal professional programmes for practising teachers. These include the:

- Diploma in Educational Administration programmes (designed to prepare teachers to function as effective principals and vice-principals of schools)
- Further Professional Diploma in Education programmes (which provide training for teachers to function as effective Heads of Departments in their schools)
- Advanced Diploma in Education programmes in Tamil, Malay and Chinese Studies (designed to raise the content knowledge and teaching skills of teachers of these subjects in the secondary schools and junior colleges)

In line with the increasing emphasis on research in the Humanities, Sciences, Education and Physical Education, the Institute also offers programmes leading to the degrees of:

- Master of Arts
- Master of Education
- Master of Science
- Doctor of Philosophy

NIE COUNCIL

The Institute's operations are overseen by a Council consisting of the following members:

Chairman

Dr Cham Tao Soon
President
Nanyang Technological University

Deputy Chairman

Mr John Yip
Director of Education
Ministry of Education

Members

Professor Gloria Lim
Director, NIE

LTC (Res) Pek Beng Choou
Chief Executive Officer
National University Hospital

Assoc Prof Ernest Chew
Dean
Faculty of Arts & Social Science
National University of Singapore

Professor Chong Chi Tat
Vice-Dean
Faculty of Science
National University of Singapore

Dr Law Song Seng
Chief Executive Officer/Director
Vocational & Industrial Training Board

Dr Giam Choo Keong
Consultant Physician
Giam Sports Medicine Clinic

Mrs Lee Phui Mun
Principal
Victoria Junior College

Mr Eugene Wijesingha
Head
Raffles Institution

Mr Foo Chee Meng
Principal
Rosyth Primary School

DATES OF TERMS

- Term 1 : 6 July 1992 – 12 September 1992
(10 weeks)
- Recess : 13 September 1992 – 27 September 1992
(2 weeks)
- Term 2 : 28 September 1992 – 5 December 1992
(10 weeks)
- Vacation : 6 December 1992 – 3 January 1993
(4 weeks)
- Term 3 : 4 January 1993 – 13 March 1993
(10 weeks)

DATES OF EXAMINATIONS 1992–93

- Main Examination : 1 March 1993 – 13 March 1993
- Supplementary Examination : 31 May 1993 – 12 June 1993

PROCEDURES FOR APPLICATION

Applications for admission to the programmes leading to the Bachelor of Arts with Diploma in Education, Bachelor of Arts with Diploma in Education (Physical Education), Bachelor of Science with Diploma in Education and Bachelor of Science with Diploma in Education (Physical Education) must be made on prescribed application forms obtainable from the Joint Admission Office of the National University of Singapore/Nanyang Technological University. The admission exercise for these programmes is normally advertised in February/March for the commencement of term in July of the same year.

Applications for admission to the programmes leading to the Postgraduate Diploma in Education, Diploma in Education and Diploma in Physical Education must be made on prescribed application forms obtainable from the Finance Division of NIE. The admission exercise for the Postgraduate Diploma in Education is normally advertised at the end of December for the commencement of the programmes in July the following year. The admission for Diploma in Education and Diploma in Physical Education Programmes is normally advertised in February/March for commencement of term in July the same year.

For admission to the Master of Education and Diploma in Special Education programmes, applications must be made on prescribed forms obtainable from the Student Affairs Division of NIE. The admission exercise for the Master of Education programme is normally held in October/November for the commencement of the programme in July the following year. Admission to the Diploma in Special Education Programme is at present restricted to serving teachers in special education schools who are sponsored by their employers.

The Further Professional Diploma in Education (Primary School), Further Professional Diploma in Education (Secondary School), Diploma in Educational Administration (Primary School), Diploma in Educational Administration (Secondary School) and Advanced Diploma in Education (ADE) programmes are normally restricted to teachers sponsored by the Ministry of Education. The Ministry would notify Singapore schools of the commencement of these programmes and interested applicants who satisfy the entry requirements must apply on official application forms obtainable from the Ministry.

Details of the courses and entry requirements pertaining to the programmes mentioned in this section are given in booklets published separately.

NO STUDENT MAY PURSUE CONCURRENTLY ANY COURSE OF STUDY AT ANOTHER INSTITUTION OF LEARNING WHEN ENROLLED AS A FULL-TIME STUDENT AT THIS INSTITUTE.

BOND

Students on receipt of teaching bursaries and tuition grants are bonded to serve the Government of Singapore. The bond is for a period of three years, upon successful completion of the programme.

Teaching Bursaries for the Diploma Programmes

Students in the diploma programmes who are awarded teaching bursaries by the Singapore Government will be paid as follows:

Postgraduate Diploma in Education (1-year Programme)		
Honours Degree Holders		\$1300 pm
Pass Degree Holders		\$940 pm
Postgraduate Diploma in Education (Physical Education) [2-year Programme]		
Honours Degree Holders	– 1st Year	\$1300 pm
	– 2nd Year	\$1350 pm
Pass Degree Holders	– 1st Year	\$940 pm
	– 2nd Year	\$980 pm
Diploma in Education (2-year Programme)		
For GCE “A” Level Holders	– 1st Year	\$600 pm
	– 2nd Year	\$640 pm
Diploma in Physical Education (2-year Programme)		
For GCE “A” Level Holders	– 1st Year	\$600 pm
	– 2nd Year	\$640 pm

BURSARIES & SCHOLARSHIPS FOR THE DEGREE PROGRAMMES

Candidates admitted to the 4-year Bachelor of Arts with Diploma in Education, Bachelor of Arts with Diploma in Education (Physical Education), Bachelor of Science with Diploma in Education and Bachelor of Science with Diploma in Education (Physical Education) programmes are eligible for a bursary of \$3,200 per annum for the first two years of the programme. If awarded the bursary, their tuition fees for this period will also be paid by the Government and they will be bonded to serve the Government for a period of 3 years upon graduation from NIE.

Those candidates who have done exceptionally well in their “A” level examinations are eligible for a scholarship (in place of the bursary). If awarded the scholarship, they will receive an allowance of \$3,200 per annum for the first three years of the programme. In the fourth year, they will receive \$2,400 (a pro-rated amount as the fourth year of the programme will be completed nine months after the commencement of the academic year). The tuition fees for all four years of the programme will be paid by the Government. They will be bonded to serve the Government for a period of 5 years upon graduation from NIE.

Candidates initially awarded the bursary may be eligible for the scholarship in Years 3 and 4 if they perform exceptionally well in Years 1 and 2 of the degree programme. If awarded the scholarship, they will be bonded for an additional period of 2 years to make the total period of bond 5 years.

TUITION FEES & TUITION GRANTS

The full tuition fees payable by students admitted in the academic year 1992–93 are as follows:

Programme	Fees S\$
Postgraduate Diploma in Education	11,500
Postgraduate Diploma in Education (Physical Education)	11,500
Diploma in Education	11,500
Diploma in Physical Education	11,500
Bachelor of Arts with Diploma in Education/ Bachelor of Arts with Diploma in Education (Physical Education)	16,800
Bachelor of Science with Diploma in Education/ Bachelor of Science with Diploma in Education (Physical Education)	20,800

However, since a student's education at the Institute is subsidized by the Government of Singapore, tuition grants may be awarded by the Singapore Ministry of Education to offset the major part of the tuition fees. In the academic year 1992–93, the direct fees payable by the students is the difference between the tuition fee and the tuition grant as shown in the table below:

Programme	Direct Payment by student S\$	Tuition Grant S\$
Postgraduate Diploma in Education	1,080	10,420
Postgraduate Diploma in Education (Physical Education)	540	10,960
Diploma in Education	540	10,960
Diploma in Physical Education	540	10,960
Bachelor of Arts with Diploma in Education/Bachelor of Arts with Diploma in Education (Physical Education)	3,500	13,300
Bachelor of Science with Diploma in Education/Bachelor of Science with Diploma in Education (Physical Education)	4,350	16,450

Fees

The direct-payment fees as well as other fees payable by students awarded tuition grants are shown below. Fees are payable in two instalments a year, at the beginning of Terms I and II.

Postgraduate Diploma in Education

Fee	PGDE	PGDE (PE)
Direct Tuition Fee	\$1,080 per annum	\$540 per annum
Registration Fee (payable on admission)	\$5	\$5
Group Personal Accident Insurance Fee	\$2 per annum	\$20 per annum
Computer Fee	\$10 per annum	\$10 per annum
Laboratory Fee (for laboratory-based courses)	\$15 per annum	\$15 per annum
Examination Fees		
Re-examination in any subject or subjects	\$20	\$20
Fee for late entry to examination	\$10	\$10

Diploma in Education/Diploma in Physical Education

Fee	Dip Ed	Dip PE
Direct Tuition Fee	\$540 per annum	\$540 per annum
Registration Fee (payable on admission)	\$5	\$5
NTU Students' Union Entrance Fee	\$10	\$10
NTU Students' Union Annual Subscription Fee	\$24 per annum	\$24 per annum
Group Personal Accident Insurance Fee	\$2 per annum	\$20 per annum
Computer Fee	\$10 per annum	\$10 per annum
Laboratory Fee (for laboratory-based courses)	\$15 per annum	\$15 per annum
Examination Fees		
Re-examination in any subject or subjects	\$20	\$20
Fee for late entry to examination	\$10	\$10

**Bachelor of Arts with Diploma in Education/Bachelor of Arts with
Diploma in Education (Physical Education)**

Fee	Bachelor of Arts with Diploma in Education	Bachelor of Arts with Diploma in Education (Physical Education)
Direct Tuition Fee	\$3,500 per annum	\$3,500 per annum
Registration Fee (payable on admission)	\$5	\$5
Computer Fee	\$10 per annum	\$10 per annum
NTU Students' Union Entrance Fee	\$10	\$10
NTU Students' Union Annual Subscription Fee	\$24 per annum	\$24 per annum
Group Personal Accident Insurance Fee	\$2 per annum	\$20 per annum
Examination Fees		
Re-examination in any subject or subjects	\$20	\$20
Fee for late entry to examination	\$10	\$10

**Bachelor of Science with Diploma in Education/Bachelor of Science
with Diploma in Education (Physical Education)**

Fee	Bachelor of Science with Diploma in Education	Bachelor of Science with Diploma in Education (Physical Education)
Direct Tuition Fee	\$4,350 per annum	\$4,350 per annum
Registration Fee (payable on admission)	\$5	\$5
Computer Fee	\$10 per annum	\$10 per annum
NTU Students' Union Entrance Fee	\$10	\$10
NTU Students' Union Annual Subscription Fee	\$24 per annum	\$24 per annum
Group Personal Accident Insurance Fee	\$2 per annum	\$20 per annum
Laboratory Fee	\$15 per annum	\$15 per annum
Examination Fees		
Re-examination in any subject or subjects	\$20	\$20
Fee for late entry to examination	\$10	\$10

Rules on Payment of Fees

- 1 The Institute reserves the right to alter fees at any time.
- 2 Fees are payable in two instalments each year, at the beginning of Term I and Term II.
- 3 Fees must be paid during the period specified. A student whose fees are not paid by the end of the stipulated period may be suspended from attendance at classes until all fees, including the late fee of \$10 are paid in full.
- 4 An acceptance fee of \$50 is payable at the time a student accepts the Institute's offer of admission. This acceptance fee is forfeited if the student subsequently does not enter the Institute. It will otherwise be credited to the student's account and his fees will be adjusted accordingly on his entering the Institute.
- 5 A student who leaves the Institute after having attended classes for two or more weeks in a term is liable for the payment of fees.

Rotary Club of Singapore Students' Loan Trust Fund

The Rotary Club of Singapore has extended its Students' Loan Trust Fund to help second year Diploma in Education and Diploma in Special Education students with financial difficulties to complete their studies in the Institute. Loans are not given to first year students. The details governing the loan scheme are available from the Finance Division.

AWARDS AND PRIZES

Rotary International 75th Anniversary Gold Medal – This award is jointly donated by the Rotary Clubs of Singapore in commemoration of the 75th Anniversary of Rotary International. It is awarded to the NIE student selected from the pre-service Diploma in Education, Postgraduate Diploma in Education (Secondary) and Postgraduate Diploma in Education (Primary) Programmes on the basis of his/her excellence in the final examinations as well as outstanding leadership and dedication to student activities in the Institute.

Sng Yew Chong Medal – This award is donated by the Board of Trustees of the Sng Yew Chong Memorial Fund to the top Science graduate in the Diploma in Education programme who has shown outstanding performance in the teaching of Science.

Wong Hee Hua Memorial Prize – This Prize was donated by the late Dr Ruth Wong Hie King in memory of her sister, Miss Wong Hee Hua. It is awarded to the final year Diploma in Education student who has shown outstanding performance in the study of Music or Mathematics as his/her teaching subject. Two prizes are awarded annually.

Dr Ruth Wong Medal – This award is donated by the Board of Trustees of the Dr Ruth Wong Memorial Fund. One prize each is awarded to the best student of the Diploma in Educational Administration (Secondary and Primary) Programmes, the Further Professional Diploma in Education (Secondary and Primary) Programmes.

K Kulasegaram Award – This Prize is donated by Singapore Airlines. Two awards of \$2,500 each are given upon graduation to students undergoing Physical Education programmes selected on the basis of their sporting excellence, sportsmanship, contribution to sports, commitment and potential, and financial need.

In addition to the above, the Institute reserves the right to award any other Prizes and Awards at its discretion.

STUDENT COUNSELLING SERVICE

Educational guidance and student counselling is available at the OPEN DOOR which is located at the Annex of House No. 4. This Counselling Centre is manned by volunteer counsellors who are mainly staff members from the Division of Psychological Studies, School of Education. The Centre is open daily during Orientation period. For the rest of the term, counselling is available by appointment.

FACILITIES

Computer Services Centre

Mission

The mission of Computer Services Centre is to promote the use of information technology to enhance the effectiveness and efficiency of management and administration of NIE, and to provide training in and consultancy on the use of research software packages and computer based learning tools.

Hardware and Software Facilities

The Institute has an IBM mainframe and a VAX minicomputer. There are 250 units IBM-compatible PCs, 15 units of Macintosh LCs and 23 units of HP LaserJet Series III printers on campus.

The mainframe computer is an IBM 4381 Model 11 with 16 Megabytes of main memory, running VM/CMS operating system. It has a total capacity of 5 Gigabytes disk storage, 2 magnetic tape drives, and a high speed printer. It is used to support Management Information System, Decision Support Systems, Office Automation Systems as well as providing computing resources for processing of research data. Software packages which are supported on the IBM mainframe are :

AS, CSP, SQL/DS, GDDM, PROFS, BITNET, SAS, RACF, ISPF

The VAX minicomputer is a VAX 8250 with 16 Megabytes of main memory running VMS operating system. It has a total capacity of 900 megabytes of disk storage, 1 magnetic tape drive, and a high speed printer. It is a dedicated computer running ATLAS library system for NIE library, CDIS's IML and CRC and MOE HQ's LIBIC library.

In the Pipeline....

Campus wide network with high speed link to NTU Jurong Campus network is targeted for implementation in early 1992. The combined computer resources in NIE and NTU can now be made available through the network. Campus wide electronic mail and on-line library search are some of the applications that will be implemented which will extend the communication reach and information availability in NIE.

Educational Computing Laboratories

For the purpose of teaching computer education courses to all pre-service and further professional course participants, three computing laboratories have been set up. Since July 1986, the laboratories have been used to run 3 levels of courses to teach the participants to use the computers as tool, tutor or tutee. Academic staff members also use the computers to create their own teaching materials.

To enable students to work on different systems of computers, different types of computers with unique software and courseware have been installed. One of the laboratories consists of 16 Macintosh computers and 4 BBC computers. Another two laboratories have 42 IBM and IBM compatible computers with 10 printers each.

Library

The Library's total stock consists of about 148,000 books in the four official languages, 1,000 titles of periodicals, a test collection of more than 1,150 items and a growing collection of theses and ERIC documents in microform, in addition to several hundred compact discs and other A-V materials. The books and bound

periodicals are arranged on the open shelves by subject according to the Library of Congress classification system. The texts and microfilms are kept in the Reference Library. A-V materials and the necessary playing equipment such as compact disc players and video cassette recorders are housed in the Media Room.

The ATLAS system, a fully integrated on-line library system with sophisticated search capabilities, provides easy access to the Library's collection.

The Library services all students and staff of the NTU as well as school principals and teachers in Singapore.

All students must register with the library. Upon registration, a full-time student may use his/her student identification card to borrow library materials. Fines are charged for overdue loans.

The Reference Library serves as the centre of general information and assistance in using the library resources and facilities. It also provides on-line access to computer-based bibliographic databases. Additional information about the service is available at the reference desk.

The inter-library loan service, which supplements the NIE library's collection, is available for staff and higher degree students engaged in thesis research. Photocopying and microtext reading/printing facilities are also provided.

The opening hours are as follows :

During term	Monday to Friday	8.30am – 6.00pm
	Saturday	8.30am – 5.00pm
During vacation	Monday to Friday	8.30am – 5.00pm
	Saturday	8.30am – 1.00pm

The Library will be open up to 9 pm on weekdays 2 weeks prior to the final examinations. Further information on the NIE library is available in the Guide to the NIE Library which is given to all students on enrolment.

Sports and Games Facilities

There are outdoor and indoor sports facilities available at the Institute's School of Physical Education Sports Complex. The outdoor facilities include a 6-lane athletic track with a centre pitch suitable for both soccer and rugby, a hockey pitch, an Olympic size swimming pool and a teaching pool. There are five outdoor courts which can be used for basketball, netball and volleyball and five tennis courts. There are also two separate courts available for sepak takraw. 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 seven squash courts. Inquiries on the use of the sports facilities in the School of Physical Education may be made at the Singapore Sports Council office located in the School.

Canteens

There are two canteens on campus. Canteen 1 is located on the first storey of the Students' Recreation Centre. This self-service canteen provides Chinese, Muslim and Indian food. It is open from 0730 to 1700 hours on Mondays to Saturdays. Canteen 2 is located at House No 4 and serves a la carte style Chinese and Western food. In addition, there are six food stalls selling Chinese and Muslim food in the House No 4 extension. Canteen 2 is open from 0800 to 1430 hours on Mondays to Saturdays.

Students' Lounge

There are two Students' Lounges serving the general student body. One Students' Lounge is situated on the second storey of the Students' Recreation Centre, while the other one is located in the School of Physical Education.

Sundry Store

A sundry store located on the first storey of the Students' Recreation Centre sells newspapers, stationery, toiletries, etc, for the convenience of students and staff of the Institute.

Bookshop

There is a bookshop run by the National University of Singapore Multi-purpose Cooperative Society for the convenience of students. It is located at the annex of House No 4.

Cash-on-line Facilities

There is a POSB automated teller machine installed on the first storey of the Students' Recreation Centre, next to the sundry store.

Post Box Facilities

A post box is located along the covered walkway in front of the Block B courtyard. Collection of mail is made twice a day by Singapore Telecom.

Public Payphones

Public payphones are located in the foyer of Oei Tiong Ham Building, outside the Library, Lecture Theatre 4, House No 4, House No 5 and in the Students' Recreation Centre. Some of these public payphones accept phone cards viz those outside the Library, Lecture Theatre 4 and House No 4 and in the Students' Recreation Centre. One of the public payphones installed in the Students' Recreation Centre has STD facility. This enables telephone users to make trunk calls to Malaysia.

Telecom Call Zone Base Station

Singapore Telecom's call zone service can be made from two locations in the campus. The call zone service is available at the House No 4 porch and in the lobby of Students' Recreation Centre.

STUDENTS' NIE CLUB

The Nanyang Technological University Students' Union (NTUSU) is the supreme body of students in NTU and NIE. Membership of the NTUSU is automatic for the following categories of students in NTU:

- a) Matriculated students who are reading a full-time undergraduate course of study leading to a Bachelor's degree and
- b) Students not holding a Bachelor's degree who are reading a full-time course of study leading to a diploma, the duration of which is not less than two academic years.

The NTUSU consists of eight constituent bodies, of which the Students' NIE Club is one. Only students who are members of the NTUSU are eligible for full membership of the Students' NIE Club.

The main role of the Students' NIE Club is to promote and safeguard the interests and welfare of the students in NIE. Through its sub-committees, the Students' NIE Club also organises a range of social, sports, cultural and educational activities for students on Bukit Timah Campus.

The administration of the Club is vested in the hands of an elected Management Committee. The elections are held annually. The Committee members hold office from the date of election until the next occasion upon which a new Committee is elected.

The Club's Management Committee operates with the advice and guidance of two Club Advisors. Director, NIE is the Chief Advisor whilst an academic staff from NIE is appointed annually to be the Second Advisor.

Other Student Organisations

Besides the Students' NIE Club, there are other student organisations in the Jurong and Bukit Timah Campuses which cater for a variety of interests among the students. Details of student clubs and societies in Jurong Campus can be found in a Student Handbook published yearly by NTU and obtainable from the Student Liaison Office of Bukit Timah Campus.

There are clubs/societies established in Bukit Timah Campus as sub-clubs of some of the clubs/societies in Jurong Campus. The objective of these sub-clubs is to organise activities for students on Bukit Timah Campus on behalf of their parent clubs in Jurong Campus. These sub-clubs include:

Legion of Mary

Christian Fellowship

Welfare Services Club

Chinese Society

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