

# GRADUATE STUDIES & PROFESSIONAL LEARNING



# ABOUT NIE

The National Institute of Education (NIE) is Singapore's national teacher education institute with a key role in shaping Singapore's education. Established in July 1991 through the amalgamation of the Institute of Education and the College of Physical Education, NIE is an autonomous institute of the Nanyang Technological University (NTU). Through the years, NIE has positioned itself as the leader in teacher education in Singapore by producing high quality graduates who form the foundation for a successful education system.



# VISION

To be an Institute of Distinction

# MISSION

To Excel in Teacher Education and Educational Research

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# OFFICE OF GRADUATE STUDIES & PROFESSIONAL LEARNING

The Office of Graduate Studies & Professional Learning (GPL), one of the two Programme Offices in NIE, is responsible for overseeing NIE's higher degree programmes, the professional development of teachers, the training of school leaders and the management of academic research.

With the mission of being a leader in providing academic and research opportunities which engage professionals in quality graduate studies and lifelong learning, GPL works closely with our parent university, NTU, in ensuring that the higher degree programmes meet stringent academic requirements that are aligned with top universities around the world, while leadership training and professional development courses are designed based on the needs of Singapore schools, and through evidence-based research findings from NIE.



# The Next Step In Your Lifelong Education

## WHY YOU SHOULD CHOOSE NIE?

### Teaching Talents

NIE is the heart of Singapore's teacher education and education research. We are committed to delivering quality teacher education from the initial teacher preparation through to the teacher professional development phase. Our faculty have over the years won numerous awards and accolades for excellence in teaching and research, as well as received prestigious fellowships and scholarships from international organisations.

In addition to the academic staff in the 12 Academic Groups who provide the disciplinary rigour and depth, NIE also regularly invites distinguished professors to share their knowledge and expertise as well as participate in collaborative projects. These professors hail from universities such as Teachers' College, Columbia University, Stanford University, Harvard Graduate School of Education, Boston College, University of Sydney, University of Toronto, the Institute of Education, London and the Hong Kong Institute of Education.





### **Global Partnerships**

To broaden its reach in developing new competencies, NIE actively seeks strategic partnerships and collaborations with top institutes around the world. These global partnerships pave the way for research collaborations, staff and student exchanges and joint programmes for professional development and postgraduate research. These partnerships also provide the platform for NIE to keep abreast of global developments in the educational landscape and sharing of expertise.

NIE is also a founding member of the International Alliance of Leading Education Institutes (IALEI). Established in 2007, the IALEI is a consortium of 10 education institutes that seeks to enhance the quality of education in their own countries and to provide leadership for educational development internationally. It acts as a think-tank which draws together existing expertise and research in education to generate ideas and identify trends, and to serve as a collective voice on important educational issues, thus influencing policy and practice in education.

### **Research Excellence**

Research excellence is a driving force that energises knowledge creation, making NIE a premier teacher education and research institute. Aspiring to be a world-class institute of higher learning renowned for both its teacher education and education research, NIE has established five research centres.

### **1. Centre for Research in Pedagogy and Practice**

Established in 2002 and funded by the Ministry of Education, the centre conducts world-class educational research that focuses on the analysis and improvement of pedagogy and practice in Singapore schools.

### **2. Learning Sciences Lab**

This is the first centre in Asia devoted to conducting research based on theory and research perspectives from the learning sciences.

### **3. Centre of Excellence in Learning Innovation**

A joint collaboration between NIE and SRI International, the centre focuses on the knowledge transfer of education innovation and its subsequent adoption.

### **4. Centre for International Comparative Studies**

A joint collaboration between NIE and the International Study Center of the Lynch School of Education, Boston College, the centre spearheads comparative research that draws on the Trends in International Mathematics and Science Study (TIMSS) and Progress in International Reading Literacy Study (PIRLS) international databases.

### **5. Centre for Arts Research in Education**

The centre generates, collects and disseminates high quality research that promotes education in and through the arts, through a strong collaborative network amongst NIE, UNESCO and like-minded individuals in the Asia-Pacific region.



# AN OVERVIEW OF HIGHER DEGREE PROGRAMMES

## HIGHER DEGREES (COURSEWORK)



### Content-Based

**Master of Arts (MA)  
Master of Science (MSc)**

#### Discipline-based

- MA (Social Studies)
- MSc (Exercise & Sport Studies)
- MSc (Life Sciences)
- MSc (Mathematics for Educators)
- MA (Applied Linguistics)

#### Professional-type

- MA (Applied Psychology)
- MA (Counselling & Guidance)
- MA (Educational Management)
- MA (Instructional Design & Technology)



### Education Discipline-Specific

**Master of Education (MEd)  
(with 18 specialisations)**

#### Domain-specific

- MEd (Art)
- MEd (Chinese Language)
- MEd (Drama)
- MEd (English Language)
- MEd (English Literature)
- MEd (Malay Language)
- MEd (Mathematics)
- MEd (Music)
- MEd (Science)
- MEd (Tamil Language)

#### Non-domain-specific

- MEd (Curriculum & Teaching)
- MEd (Developmental Psychology)
- MEd (Early Childhood)
- MEd (Educational & Psychological Measurement & Evaluation)
- MEd (Gifted Education)
- MEd (Learning Sciences & Technologies)
- MEd (Primary)
- MEd (Special Education)



### Professional Practice-Oriented

**Master of Teaching  
(M Teach)**

## HIGHER DEGREES (RESEARCH)



**Master of Arts (MA)  
Master of Science (MSc)**



**Doctor of Philosophy  
(PhD)**



**Doctor in Education (EdD)  
(Dual award with IoE, UK)**

Note: All higher degrees offered by NIE are awarded by NTU.

# HIGHER DEGREES

## (COURSEWORK)

### Relevance

NIE offers a wide range of Masters by coursework programmes that can enhance your competence and knowledge as you strive to meet new and changing demands of your career. These programmes have specially-designed curricula and are delivered through a schedule of lectures/seminars and tutorials. Many of our Masters programmes allow you to have the option of completing the programme through either a complete coursework or a dissertation route.

Our range of programmes is as follows:

- Master of Arts (Applied Linguistics)
- Master of Arts (Applied Psychology)
- Master of Arts (Counselling & Guidance)
- Master of Arts (Educational Management)
- Master of Arts (Instructional Design & Technology)
- Master of Arts (Social Studies)
- Master of Education
- Master of Science (Exercise & Sport Studies)
- Master of Science (Life Sciences)
- Master of Science (Mathematics for Educators)
- Master of Teaching



## Brief Description of the Programmes

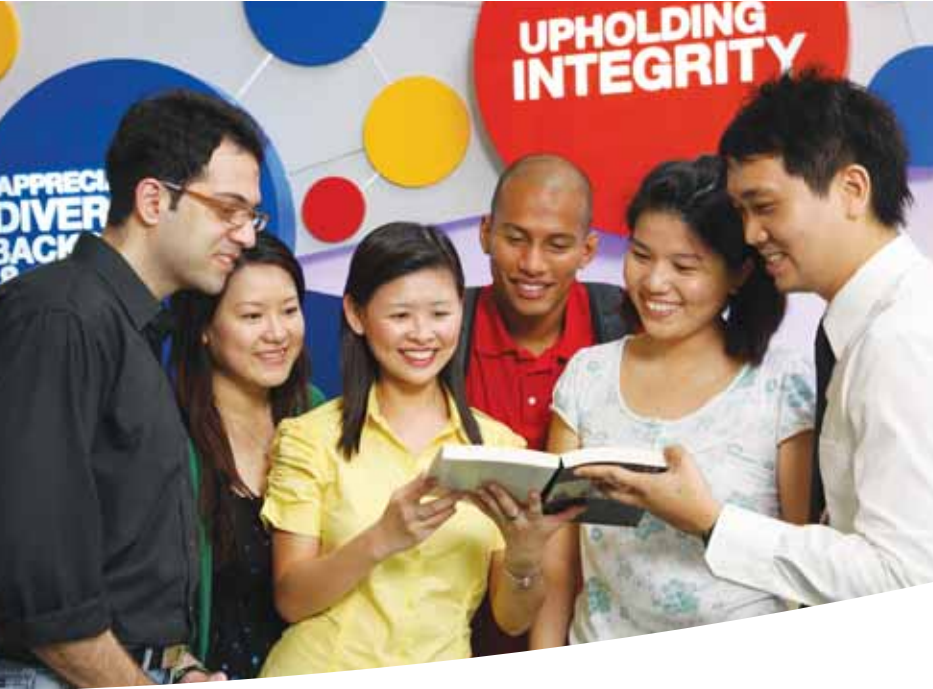
### a) Master of Arts (Applied Linguistics)

Focusing on the needs of English language teachers, curriculum specialists, school inspectors, school heads of departments and language lecturers of tertiary institutions, this programme balances coverage of theoretical knowledge with practical application. Participants will critically review current research in applied linguistics and develop a strong foundation in linguistics and language learning concepts. They will also have opportunities to apply their new knowledge to their specific language education contexts. As part of their overall professional development as language educators, participants will learn relevant skills for conducting classroom research.

### b) Master of Arts (Applied Psychology)

The aim of this programme is to produce graduates who will become leaders in the field of psychological service. In recent years, there has been increasing recognition of the importance of pupil counselling and career guidance in schools. Since the introduction of pastoral care and career guidance in schools, more and more teachers are motivated to acquire knowledge and skills in counselling. The inclusion of the Learning Support Programme in primary schools has also highlighted the crucial role played by educational psychologists in schools. In the meantime, Family Service Centres have mushroomed all over Singapore whilst counselling agencies already established in the community have grown from strength to strength. To cater to the changing needs of clients and expansion of services, there is a need for professional growth and upgrading for the counsellors and psychologists working in these organisations. This programme is designed to provide theoretical knowledge and research insights as well as practical skills to interested individuals who have the pre-requisite qualifications to train as specialists in the field of Educational Psychology or Counselling Psychology.





### **c) Master of Arts (Counselling & Guidance)**

This programme is designed to equip counselling graduates with skills and knowledge in various counselling core areas to maximise the counsellor's level of functioning and capacity to conduct research. The programme emphasises a developmental perspective, focusing on issues pertinent to providing counselling and guidance services and programme development. The counsellors' personal and professional growth and development, appreciation of diversity and demonstration of understanding ethical and legal issues are also emphasised. The practicum allows application of theories and techniques leading to effective individual and group counselling. This rigorous, informative and structured training programme is a coursework oriented professional degree that is designed to prepare new entrants into the fields of counselling and guidance as highly competent and caring counsellors. It is also designed to enhance and upgrade the knowledge and skills of counsellors at a master's level and to prepare those who may wish to pursue a doctoral education later.

### **d) Master of Arts (Educational Management)**

This programme is designed to enhance the leadership capabilities of school executives as well as managers of other educational sectors, and adds value to the continual development of human resources in their organisations. It aims to enable aspiring leaders in education to become more informed about critical issues in educational management, and to cope positively and effectively with the management challenges that are currently impacting on education.

### **e) Master of Arts (Instructional Design & Technology)**

This programme is designed for educational and training professionals working in schools, universities, polytechnics, businesses and e-learning industries. Participants will learn about the design, application, development and management of information technologies (including the use of e-learning), as well as theoretical underpinnings of designing learning environments. It aims to impart to participants the theoretical knowledge and practical skills in solving instructional problems in school and corporate learning environments.

### **f) Master of Arts (Social Studies)**

This is a programme which can support teachers who may need to respond with cross-disciplinary perspectives in the disciplines of geography, history and social studies. It aims to help participants develop a critical understanding of social studies, history and geography with a strong grounding in the philosophies that have guided both scholarship and the development of each of the relevant disciplines and how these can be applied to studies of the social issues of our time. While the programme is designed for those who have relevant background knowledge in one or more of the disciplines of geography, history and social studies, it is also tailored for participants wishing to broaden their multi-disciplinary perspectives in the development of our societies.

### **g) Master of Education**

The Master of Education programme is primarily designed for educators working in Singapore schools and the Ministry of Education. University graduates with a background in education and wishing to advance their knowledge and skills in education are also welcome to apply. The programme offers the degree in 18 areas of specialisation.

The 18 areas of specialisation are:

- Art
- Chinese Language
- Drama
- English Language
- English Literature
- Malay Language
- Mathematics
- Music
- Science
- Tamil Language
- Curriculum & Teaching
- Developmental Psychology
- Early Childhood
- Educational & Psychological Measurement & Evaluation
- Gifted Education
- Learning Sciences & Technologies
- Primary
- Special Education

### **h) Master of Science (Exercise & Sport Studies)**

This programme is designed for participants with a general interest in human movement studies, including physical education, sport, fitness, health and wellness. It enables participants to work with the faculty in areas of a particular interest and to complement these interest areas with related courses from the Physical Education and Sports Science Academic Group as well as across the university. Participants will acquire research skills (both qualitative and quantitative) which will encourage critical inquiry and creative thinking in dimensions of the human movement sciences.

### **i) Master of Science (Life Sciences)**

This programme is designed to meet the needs of teachers, science graduates and professionals interested in the life sciences. It aims to provide teachers and science graduates with specialised knowledge in the various fields of life sciences, by addressing not only the knowledge base but also the necessary experimental skills required. Without sacrificing the necessary breadth and depth of the multi-disciplinary nature of the life

sciences, participants are offered a highly personalised roadmap in which the most recent scientific developments are taught, and social and bioethical issues are discussed. As participants receive training in basic concepts, and conduct experiments and projects under experienced and highly qualified scientists, they are given the opportunity to interact and explore vast new realms in the life sciences.

The 5 areas of specialisation are:

- Applied Physics
- Applied Plant Sciences
- Chemistry
- Environmental Science
- Zoological Sciences

### **j) Master of Science (Mathematics for Educators)**

This programme is designed to cater to the professional needs of mathematics educators, emphasising the acquisition of wide and in-depth content knowledge in mathematics as well as its linkage to mathematics teaching. Participants will have the opportunity to study courses in different areas of mathematics, conducted by active working mathematicians, many of them holding a qualification in teaching of mathematics. A strong mastery of mathematics will enable educators to teach better and to promote higher order thinking among students in the learning of mathematics. Mathematics specialists in education institutes will also benefit from this programme because a good understanding of mathematics is crucial for handling various tasks related to mathematics education, such as the design of contemporary and rigorous curricula, assessment of mathematics learning, and development of teaching resources.

### **k) Master of Teaching**

The programme combines the best of university academic learning and workplace professional learning to offer participants a sustained experience in developing excellence in teaching as a profession. Aimed at graduate teachers with at least 2 years of experience, the programme optimises the theory-practice balance in learning situated within their own unique professional context. Besides learning from university professors with proven expertise in education, every teacher participating in the programme will also be supported by a Professional Learning Mentor (PLM) from their own communities of practice. The PLM is a guide, a dialogue partner and a co-learner in the programme participant's learning journey.



Programme	Full-Time	Part-Time	Mode
Master of Arts (Applied Linguistics)	1 - 2 years	2 - 4 years	By Coursework or By Coursework with Dissertation
Master of Arts (Applied Psychology)	2 - 3 years	2 - 4 years	By Coursework with Dissertation
Master of Arts (Counselling & Guidance)	1.5 - 2 years	3 - 4 years	By Coursework with Dissertation
Master of Arts (Educational Management)	-	2 - 4 years	By Coursework or By Coursework with Dissertation
Master of Arts (Instructional Design & Technology)	-	2 - 4 years	By Coursework or By Coursework with Dissertation
Master of Arts (Social Studies)	-	2 - 4 years	By Coursework or By Coursework with Dissertation
Master of Education	1 - 2 years	2 - 4 years	By Coursework or By Coursework with Dissertation
Master of Science (Exercise & Sport Studies)	-	2 - 4 years	By Coursework or By Coursework with Dissertation
Master of Science (Life Sciences)	-	2 - 4 years	By Coursework or By Coursework with Dissertation
Master of Science (Mathematics for Educators)	-	2 - 4 years	By Coursework
Master of Teaching	-	3 - 4 years	By Coursework with Professional Inquiry Project

More information on Higher Degree Programmes is available at [www.nie.edu.sg/gpl/hd](http://www.nie.edu.sg/gpl/hd)

# HIGHER DEGREES

## (RESEARCH)

### Quality and Excellence

As a student who pursues a higher degree by research, you will be working on a topic in a field of your interest. In addition, you will have to complete a fixed number of courses that can contribute to your understanding of the field and the methodology relevant to your study. Guided by a research-active supervisor, you will develop advanced skills and knowledge to address and investigate academic discipline-related or educational problems and issues.

Our range of programmes is as follows:

- Master of Arts
- Master of Science
- Doctor of Philosophy
- Doctor in Education  
(*dual award with Institute of Education, University of London*)

### Brief Description of the Programmes

- a) Master of Arts
- b) Master of Science
- c) Doctor of Philosophy

In line with the increasing emphasis on research in the areas of Humanities, Education, Sciences and Physical Education, we offer higher degree studies by research leading to the degrees of Doctor of Philosophy (PhD), Master of Arts (MA) and Master of Science (MSc). In each of these programmes, a rigorous process has been put in place to prepare students for the research phase. All higher degree research students will need to fulfill coursework requirements with the minimum required Cumulative Grade Point Average (CGPA) and pass a confirmation exercise before progressing further in the study. For PhD students, there will be an Oral Examination (Viva voce) at the end of the thesis examination process.



#### d) Doctor in Education

*(dual award with Institute of Education, University of London)*

This is a dual award programme, offered jointly with the Institute of Education, University of London, for professionals who would like to extend their expertise and training, as well as develop skills in research, evaluation and reflection on practice. The degree enables you to undertake a common programme at two institutions and on successful completion of the programme, you will be awarded a Doctor in Education (EdD) degree from both institutions. In an increasing global educational environment, the programme provides you with a diversity of educational knowledge and views. Comparison of professional practices within the context of the two different landscapes will be drawn, thus enhancing the creation of new professional knowledge. One of the aims of the EdD programme is to develop professional leaders who are able to identify and solve complex “fieldbased” problems.

Programme	Full-Time	Part-Time	Discipline			
			Humanities	Education	Sciences	Physical Education
Master of Arts	1 - 3 years	1 - 4 years	✓	✓	✗	✓
Master of Science	1 - 3 years	1 - 4 years	✗	✗	✓	✓
Doctor of Philosophy	2 - 5 years	2 - 7 years	✓	✓	✓	✓
Doctor in Education <i>(dual award with Institute of Education, University of London)</i>	-	4 - 7 years	✗	✓	✗	✗

More information on Higher Degree Programmes is available at [www.nie.edu.sg/gpl/hd](http://www.nie.edu.sg/gpl/hd)

# RESEARCH SCHOLARSHIPS

## People-Centred

A number of scholarships are available to new research students in NIE. These awards will ensure that outstanding candidates have access to excellent research training and facilities in NIE as well as have the opportunity to work with experienced research-active supervisors.

### Nanyang President's Graduate Scholarship

The Nanyang President's Graduate Scholarship (NPGS) is a competitive and prestigious sponsorship scheme designed to encourage outstanding graduates (with First Class Honours or equivalent) or final-year students (who are on track to getting a First Class Honours or equivalent degree) to take their first step towards a leading research career by studying for a PhD at NTU. Funding will be provided for up to 4 years for NPGS awardees with no bond attached. Do note that you should apply directly to Nanyang Technological University if you wish to apply for the Nanyang President's Graduate Scholarship.

### Nanyang Technological University Research Scholarship

Only PhD candidates with First Class Honours or Second Class (Upper Division) Honours or its equivalent are considered for the scholarship which is available to all regardless of citizenship. Applicants must, at the time of the award of the Research Scholarship, have been assured of admission as a full-time candidate for a higher degree by research of the University.

### Pradap Kow Scholarship

The Pradap Kow Scholarship Fund is an endowment established by the estate of Mr Koh Choon Joo (deceased) in remembrance of his wife, Madam Pradap Kow who was a teacher. The income generated from the invested fund is used to fund postgraduate scholarships for those pursuing a degree by research. To be eligible for this scholarship, the area of research must have direct implications for pedagogy or education policy in Singapore. Preference will be given to Singaporeans or Singapore Permanent Residents. The candidate, when awarded the scholarship, must undertake to study on a full-time basis.

### Alumni Fund Scholarship

The objective of the fund is to provide scholarship awards, the 'Alumni Scholarship', to alumni and undergraduates who are children or siblings of the University's alumni. Alumni can apply for the scholarship for any full-time graduate programmes conducted by the University. Eligible full-time undergraduates of all years of study and in all Schools can apply, excluding candidates sponsored by the Ministry of Education. Do note that you should apply directly to Nanyang Technological University if you wish to apply for the Alumni Fund Scholarship.

# APPLYING TO OUR HIGHER DEGREE PROGRAMMES

Before you apply, you are advised to visit the programme webpages to view more details such as the programme structure, research areas and entry requirements. Application is to be submitted online. Hard copies of all necessary supporting documents must be submitted within one week from the date of successful online submission.

## General Entry Requirements

The requirements specified below are the minimum requirements for admission into NIE/NTU. In addition to the minimum admission requirements, there may be additional requirements for your programme of choice. Please refer to the relevant programme webpages for full information on the requirements for individual programmes.

### a) Masters by Coursework

- A good Bachelor's degree from a recognised university
- A teaching qualification such as Postgraduate Diploma in Education
- At least one year of teaching or other relevant professional education experience

### b) Masters and PhD by Research

- A Bachelor's degree with honours
- A Master's degree in the relevant areas (for those pursuing PhD)
- Ability to pursue research in the proposed field of advanced study

You are advised to contact a potential supervisor before making a formal application. As a guide, you may wish to briefly introduce yourself, explain your research interests and mention the supervisor's research that you find interesting.

### c) Doctor in Education (*dual award with Institute of Education, University of London*)

- A Master's degree with honours in the relevant areas
- Relevant working experience

International applicants whose first language is not English are required to submit an official Test of English as a Foreign Language (TOEFL) score, the test taken not more than two years before the date of application. The International English Language Testing System (IELTS) can be accepted in lieu of TOEFL.

International applicants pursuing research programmes are required to submit a good Graduate Record Examination (GRE) score. In lieu of GRE, applicants from India may use the Graduate Aptitude Test in Engineering (GATE) score of at least 90%.



## When to Apply

There are two intakes a year (January and August).

For Coursework programmes, applications will open in July for admission in January in the following year and in December for admission in August the following year. Please note that not all programmes and specialisations are available for application for each intake.

For Research programmes, with the exception of the EdD Dual Award, applications will open for about two months before the cut-off date for submission of application for each intake. For the EdD Dual Award, the applications will open in December for admission in August the following year.

## Fees

Our tuition fees are subject to revision on a yearly basis. For more information on the current tuition fees, please visit [www.nie.edu.sg/gpl/fees.htm](http://www.nie.edu.sg/gpl/fees.htm)

## Further Queries

For more information, you may wish to visit our website at [www.nie.edu.sg/gpl/hd](http://www.nie.edu.sg/gpl/hd) or e-mail us at [edd@nie.edu.sg](mailto:edd@nie.edu.sg) (for EdD Dual Award) and [nieadmpp@nie.edu.sg](mailto:nieadmpp@nie.edu.sg) (for other higher degree programmes).



# NOTES TO EDUCATION OFFICERS OF THE MINISTRY OF EDUCATION, SINGAPORE

The Professional Development Continuum Model (PDCM)-Master's degree scheme provides Ministry of Education (MOE), Singapore graduate teachers with alternative pathways to higher certification as well as motivation for keeping themselves relevant in knowledge and pedagogy. The scheme is only applicable to certain NIE Master's degree programmes and was developed in collaboration with MOE, Singapore.

## **PDCM Evening Classes**

Under this arrangement, teachers generally take two courses per semester. The minimum candidature is 3 years and the maximum 4 years.

## **PDCM 4-3-3 Structure**

Teachers under the PDCM 4-3-3 structure are to complete ten courses - four courses in Year 1 and three courses in each of Years 2 and 3. Completion of the programme is expected to be within 3 years.

The following programmes are listed under MOE's PDCM-Master's degree scheme:

- a) Master of Arts (Applied Linguistics)
- b) Master of Arts (Educational Management)
- c) Master of Arts (Social Studies)
- d) Master of Education
- e) Master of Science (Exercise & Sport Studies)
- f) Master of Science (Life Sciences)
- g) Master of Science (Mathematics for Educators)
- h) Master of Teaching

# LEADERSHIP PROGRAMMES

## Leadership Learning

Leadership learning is an integral part of the education system. The purpose of leadership learning is to develop school leaders' capacity to meet the challenges of the complex and dynamic education system. One of our flagship programmes – Leaders in Education Programme has won admiration from educators in many parts of the world. It is a huge resource investment on the part of Singapore, as the nation's leaders believe that high quality school leadership learning will enable its school leaders to lead schools to new levels of educational excellence.

Our range of programmes is as follows:

- Leaders in Education Programme
- Leader for Leaders Programme
- Management and Leadership in Schools Programme
- Building Education Bridges: Innovation for School Leadership
- Senior Teachers Programme
- Advanced Senior Teachers Programme



## Brief Descriptions of the Programmes:

### a) Leaders in Education Programme

This is a 'state-of-the-art' programme designed for selected education officers and it prepares them for leadership in schools. These selected personnel are experienced and well-qualified educators, with a background of successful experience in both teaching and management. Through a process of learning in diverse contexts, including the authentic workplace of the school and international locations, the learning platform addresses a range of issues that are seen as critical to the success of future leadership, including:

futuring, designing and leading learning school organizations that can sustain a competitive advantage in a fast-changing and turbulent environment; information technology for teaching and learning; achieving excellence in curriculum and pedagogy and building human and intellectual capitals.

### b) Leader for Leaders Programme

This executive programme for senior leaders (superintendents) in the Ministry of Education, Singapore builds on the highly acclaimed Leaders in Education Programme (LEP) experience. Through the use of multiple learning approaches, participants will be engaged in creating new knowledge and leadership experiences. The programme is called the "Leader for Leaders" instead of "Leader of Leaders" in order to signify the importance of discarding the old bureaucratic way of always leading from the apex. It is thus an appropriate time to both strengthen and reassess the role of a superintendent. The programme, while helping incumbent superintendents to do their current jobs better, will also provide a unique opportunity to consider whether there needs to be a realignment of thinking in view of the fast-paced change and challenges faced by senior leaders. This is only possible through a stimulating learning agenda that takes into consideration the complexities of leading and managing and the importance of creating new knowledge in local context.

### c) Management and Leadership in Schools Programme

The goal of the programme is to develop middle level leaders to expand their roles beyond departments and take on direct leadership for teaching and learning in a school. It rides on the strengths of the successful Leaders in Education Programme and the former Diploma in Departmental Management Programme.



The programme aims to:

- Create new knowledge in generative and collaborative learning, beyond single discipline/subject
- Enhance expertise competence among middle level leaders, with reference to their position next to the pinnacle of the leadership track
- Enhance capacity to lead teaching and learning through the creation of learning teams with the focus on continual improvement in the curriculum

#### **d) Building Education Bridges: Innovation for School Leadership**

This programme focuses on innovation and high performing educational systems and offers experienced and successful school leaders the opportunity to explore key leadership issues in national and international contexts.

It is jointly conducted at both NIE and various international institutions which include the National College for Leadership of Schools and Children's Services, UK and Danish School of Education, Aarhus University. School leaders are selected from each country to participate in the two-week full-time programme and engage in issues relating to the countries' unique educational systems.

The programme aims to:

- Improve understanding of each other's educational systems and the context for leadership and its challenges
- Generate ideas on innovation and change for high performance educational system
- Define routes for sustaining school leadership and innovation

#### **e) Senior Teachers Programme**

The programme seeks to prepare senior teachers to achieve the vision of innovating in the classroom and school, in their roles as instructional leaders and coaches to younger colleagues. The programme focuses on creating a variety of exciting learning experiences that result in new ways of teaching and learning, and that are built upon the firm foundation of holistic education and sound values.

The programme aims to:

- Build a shared understanding of the Core Beliefs and the role of senior teachers in bringing out the full potential of their pupils
- Equip senior teachers with the knowledge of differentiating curriculum and teaching for their students
- Build the capacity of senior teachers to lead and facilitate teams, manage working relationships and motivate team members towards improving instructional practice
- Provide senior teachers with an understanding of their role in nurturing a professional and collaborative culture in their schools

## f) Advanced Senior Teachers Programme

This programme provides a platform for senior teachers to expand their roles and to take on higher teacher leadership responsibilities. The programme places a premium on knowledge creation and innovation. Therefore, the modules or areas of focus will serve as support structure for the course and not the main focus of the course while the process itself becomes the content.

The programme serves to:

- Build expertise competence among senior teachers, with reference to their position next to the pinnacle of the teaching track
- Enhance capacity to lead and mentor, taking cognizance of the prime focus on continual learning and evolving dynamism
- Create new knowledge and innovation in teaching and learning beyond best practices

Programme	Full-Time
Leaders in Education Programme	6 months
Leader for Leaders Programme	3 weeks
Management and Leadership in Schools Programme	17 weeks
Building Education Bridges: Innovation for School Leadership	2 weeks
Senior Teachers Programme	6 weeks
Advanced Senior Teachers Programme	4 weeks

More information on Leadership Programmes is available at [www.nie.edu.sg/gpl/II](http://www.nie.edu.sg/gpl/II)

## APPLYING TO OUR LEADERSHIP PROGRAMMES

Our leadership programmes are mainly open to officers nominated by the Ministry of Education (MOE), Singapore. Non-MOE participants who wish to attend any of our leadership programmes may write in directly to us at [leadership.programmes@nie.edu.sg](mailto:leadership.programmes@nie.edu.sg).

### Further Queries

For more information, you may wish to visit our website at [www.nie.edu.sg/gpl/II](http://www.nie.edu.sg/gpl/II) or e-mail us at [leadership.programmes@nie.edu.sg](mailto:leadership.programmes@nie.edu.sg).

# PROFESSIONAL DEVELOPMENT PROGRAMMES AND COURSES

## Partners in Learning

We offer courses for professional development, some of which can be accredited into our Advanced Diploma programmes. Designed and developed in collaboration with the Ministry of Education, Singapore, these courses can be broadly categorised as follows:

- Pedagogical Skills
- Content Knowledge

Our range of Advanced Diploma programmes is as follows:

- Advanced Diploma in Teaching
- Advanced Diploma in Malay Language Education
- Advanced Diploma in Special Learning and Behavioural Needs



## Brief Description of the Programmes

### a) Advanced Diploma in Teaching

A niche programme in support of professional development is the Advanced Diploma in Teaching (ADT). Introduced in 2006, the ADT provides a pathway for teachers to customise their own learning and the flexibility to broaden their content knowledge and/or pedagogical skills not only in subject areas, but also in allied educational areas.

Participants of the ADT are allowed to select Essential courses and Electives. Essential courses include primary school subject areas such as Art, English, Mathematics, Music, Science and Social Studies. Courses in allied educational areas such as Drama, Guidance and Counselling, Information Technology and Special Learning and Behavioural Needs are Electives that participants can choose from.

### b) Advanced Diploma in Malay Language Education

The programme allows serving qualified Malay language teachers to upgrade themselves in the teaching of Malay language through content knowledge and pedagogical skills.

The programme will allow teachers to:

- Enhance their knowledge of Malay language and literature, and will thus be more confident in teaching Malay language, especially Higher Malay
- Acquire more knowledge and practical skills in setting papers, marking and correcting pupils' compositions
- Be equipped with practical communicative skills, so that they can relate better to pupils, colleagues and parents
- Keep abreast of the latest developments of Malay pedagogy in the Malay world or Southeast Asia
- Be more resourceful as Malay language teachers
- Understand and appreciate Malay literature, culture and history

### **c) Advanced Diploma in Special Learning and Behavioural Needs**

This programme offers to train teachers to work with pupils with special needs in mainstream primary schools by equipping them a framework of knowledge and skills, and attitudes that are important to the education of pupils with special learning and behavioural needs.

Teachers will examine the range of factors that might cause pupils to experience difficulties in coping with the normal school environment. They will learn how to work with pupils identified with specific learning disabilities such as Dyslexia, Attention Deficit Disorders and Autism Spectrum Disorders in mainstream settings.

More information on Professional Development programmes and courses are available at [www.nie.edu.sg/gpl/pd](http://www.nie.edu.sg/gpl/pd)

## **APPLYING TO OUR PROFESSIONAL DEVELOPMENT PROGRAMMES AND COURSES**

Our formal certification programmes are mainly open to participants from Ministry of Education (MOE), Singapore. For MOE participants, you are advised to apply via TR AISI or register directly with us (for courses with no TR AISI codes).

Our short courses are open to MOE, Singapore and members of the public. You are advised to check our website regularly for updates of such courses.

### **Further Queries**

For more information, you may wish to visit our website at [www.nie.edu.sg/gpl/pd](http://www.nie.edu.sg/gpl/pd) or e-mail us at [inservice@nie.edu.sg](mailto:inservice@nie.edu.sg).

## For more information on our programmes

### Higher Degree Programmes

Email: [edd@nie.edu.sg](mailto:edd@nie.edu.sg) (for EdD Dual Award programme)  
[nieadmpp@nie.edu.sg](mailto:nieadmpp@nie.edu.sg) (for other higher degree programmes)  
Website: [www.nie.edu.sg/gpl/hd](http://www.nie.edu.sg/gpl/hd)

### Leadership Programmes

Email: [leadership.programmes@nie.edu.sg](mailto:leadership.programmes@nie.edu.sg)  
Website: [www.nie.edu.sg/gpl/ll](http://www.nie.edu.sg/gpl/ll)

### Professional Development Programmes & Courses

Email: [inservice@nie.edu.sg](mailto:inservice@nie.edu.sg)  
Website: [www.nie.edu.sg/gpl/pd](http://www.nie.edu.sg/gpl/pd)



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