NTU AND RI LAUNCH IMMERSION PROGRAMME FOR EXCEPTIONAL STUDENTS

Nanyang Technological University (NTU) and Raffles Institution (RI) have launched the NTU-RI Immersion Programme for exceptional gifted students.

The Programme is targeted at students in Raffles Institution’s Raffles Academy. The Academy was started this year to provide high-end curriculum and programming for Secondary 3 and 4 students who show exceptional ability in Mathematics, Science and Humanities.

Under the NTU-RI Immersion Programme, Raffles Academy students can opt to pursue special modules designed and taught by NTU professors. The modules will be taught at NTU, where the students will have access to NTU resources such as its libraries and research laboratories.

Students in the NTU-RI Immersion Programme will engage in cutting-edge research in all disciplines offered by NTU from humanities to engineering, business and the sciences. These will be under the umbrella of NTU’s Nanyang Research Programme.

All students in the NTU-RI Immersion Programme will be attached to NTU schools where there will be enhanced opportunities to interact with NTU professors and students.

In addition, the Immersion Programme students who meet NTU’s requirements can take NTU undergraduate courses whilst in junior college and earn credits for NTU degrees.

The NTU-RI Immersion Programme spans over four years. Participants join the programme in Secondary 3 and complete it in their second year in Raffles Junior College. For a start, NTU will focus on providing expertise and modules relating
to environmental science and engineering. The NTU-RI Immersion Programme begins in August this year.

Says Assoc Prof Loh Nee Lam, Dean of Admissions, NTU: “NTU is pleased to draw on its established strengths in science and engineering to nurture exceptional young minds to produce the next generation of scientists and engineers for the world.”

Added Mr Koh Chin Nguang, Headmaster, RI: “This partnership with NTU will immerse exceptionally bright students in an environment of scholarship and knowledge-creation. These students will have the opportunity to interact and spar with the best in the field in an authentic setting, allowing them to be socialized into the culture and thinking processes of cutting-edge researchers and academics. This is part of a bigger endeavour in developing the peaks of excellence necessary for Singapore to compete on a global playing field.”

To formalise the partnership between NTU and RI, a Memorandum of Understanding was signed by Assoc Prof Loh Nee Lam, Dean of Admissions, NTU, and Mr Koh Chin Nguang, Headmaster, RI at 2.00pm on 28 May 2007 at NTU.

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About Nanyang Technological University (NTU)

Nanyang Technological University (NTU) is a research-intensive university with globally acknowledged strengths in science and engineering. The university is located in a garden campus in western Singapore, tracing its roots back to 1955.

NTU has 4 colleges comprising 12 schools. The College of Engineering comprises six schools focused on technology and innovation. Its research output ranks among the top four in the world. The College of Science pushes the boundaries of Singapore’s life sciences initiatives. The Nanyang Business School (the College of Business) offers one of the world’s top 100 MBA programmes. The College of Humanities and Arts boasts Singapore’s first professional art school offering degree courses in art, design and interactive digital media, the Humanities and Social Science School, and the Wee Kim Wee School of Communication and Information, a top journalism and media school in Asia.

Its 13th school, the S Rajaratnam School of International Studies, was inaugurated on 1 January 2007. An important component of this autonomous school is the Institute of Defence and Strategic Studies, long recognised as a world authority on strategic studies and terrorism.
NTU is also home to the internationally-acclaimed National Institute of Education, Singapore’s only teacher-training institute.

NTU has in place multi-country programmes and initiatives with established institutions worldwide. Key partners include MIT, Stanford University, Cornell University, Caltech, University of Washington, Georgia Institute of Technology, Carnegie Mellon University in USA, Peking University, Shanghai Jiaotong University, Waseda University, Indian Institute of Technology in Asia, Cambridge University, Imperial College and Swiss Federal Institute of Technology in Europe.

For more information, visit [www.ntu.edu.sg](http://www.ntu.edu.sg)
The Raffles Academy
Talent Development in Raffles Institution

Introduction

1. Started in 2007, the Raffles Academy in Raffles Institution provides high-end curriculum and programming for students who show exceptional ability in the areas of Maths, Science and the Humanities. One of the key objectives of the Raffles Academy is to provide opportunities for these students to stretch their potential and pursue their area of passion.

2. Students are offered a place in the Raffles Academy at the end of Secondary 2 based on a battery of indicators, including their Grade Point Average, academic portfolio, off-grade selection test results, teachers’ recommendations, and interview performance. They can offer a maximum of two subjects under the Raffles Academy in Secondary 3 and 4.

3. Currently, the Academy has 95 students offering one to two of the following subjects: Physics, Chemistry, Biology, Mathematics, History, Geography, and English Literature.

Key Features of the Raffles Academy

High-End Curriculum
4. To enable students in the Raffles Academy to study a particular subject in greater depth, breadth and complexity, an accelerated, advanced and rigorous curriculum has been designed for each subject under the Raffles Academy.

High-End Programming
5. Classroom learning experiences are further supported by a range of programmes that provide authentic platforms to excite and engage students in the Raffles Academy. These include the following:
   - Elective modules (like Photonics, Forensic Science, Nanoscience, and Astrophysics & Cosmology) that enable students to better understand the latest developments in research and academia.
   - Mentorship with experts from tertiary institutions and leading practitioners from key industries.
   - Competition training in the various disciplines to prepare our students for challenging national and international competitions.
   - Overseas opportunities to participate in a whole range of renowned international platforms and programmes, which are organised by prestigious universities like Oxbridge in the United Kingdom, Massachusetts Institute of Technology in the United States.