Research a key focus at school

Eye on research
RESEARCH will also be a focus at the school.

The aim is to combine NTU’s strengths in engineering and business with Imperial’s world-renowned medical and research expertise to create doctors who will help with Singapore’s ageing and expanding population.

In addition to a classical medical education, we want them to learn about biomedical engineering and better business health education,” said NTU’s incoming president Bertil Andersson.

Imperial is a well-known engineering powerhouse, while NTU, with the world’s largest college of engineering, has about 700 projects in biomedical engineering and using technology in health care.

For instance, Imperial and its partner St Mary’s Hospital was one of eight hospitals around the world that worked with the World Health Organisation to develop a “safety surgery checklist”, which emphasises blood transfusions, anesthetics, and teamwork among operating theatre staff.

The checklist was found to cut inpatient deaths following an operation by 40 per cent.

NTU has received a $400 million donation from the Lee Foundation, which comes from government matching of a $150 million donation from the Lee Foundation. The donation is used for research and scholarships.

Imperial College London
One of the world’s top universities, Imperial College London was founded in 1907. Its faculty of medicine, established in 1957, is known for its innovative medical programmes and research which combines medical sciences and technology research, including the development of new treatments.

Over 700 faculty members are active in research, with annual research spending of over $240 million ($228 million).

Notable medical research at Imperial includes the development of new treatments for cancer, diabetes, and other diseases, as well as advances in stem cell research and regenerative medicine.