

# Ph.D. Programme

School of Electrical and Electronic Engineering
Nanyang Technological University
Singapore

## **Our EEE**

- NTU School of Electrical and Electronic Engineering (NTU EEE) is one of the largest and most highly ranked schools in the world.
- It began as one of the **three founding schools** of Nanyang Technological University.
- Today, the School has become **one of the world's largest engineering schools** that nurtures competent engineers and researchers.









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2023 QS World University Rankings by Subject in Singapore and Asia

2023 QS World University Rankings by Subject

2022 Best Global Universities for EEE in US News and World Report

2022 Shanghai Ranking's Global Ranking of Academic Subjects

# **Research Programme for Graduate Studies**

#### **Power Engineering**

- Smart Grids
- Electric Propulsion
- Energy Storage & Management
- Power Electronics
- Power Systems
- Renewable Energy

#### **Microelectronics**

- Clean Energy Material and Device Technologies
- Photonics and Optoelectronics
- Nanomaterials and Nanotechnologies
- Compound Semiconductor Materials and Devices
- Advanced Silicon Devices & Integration Technologies
- Bioelectronics and Biomedical Device Technologies
- Advanced MEMS Technologies

### **Information Engineering**

- Information Security
- Data/Video Analytics
- Artificial Intelligence
- Signal Processing
- Digital Media Processing

#### **Circuits & Systems**

- Electromagnetic Compatibility and Reliability
- Advanced Electronic Packaging
- Energy Harvesting and Green Electronics
- MM-wave and Terahertz Circuits
- Bio-inspired Integrated Circuits and Systems

#### **Communication Engineering**

- Lightwave Communications
- Communication Networks
- Internet of Things
- Wireless Communications
- Coding and Signal Processing

#### **Control & Instrumentation**

- Biomedical Signal/Image Processing
- Computer Vision
- Computational Intelligence
- Robotics
- Control Theory and Applications

# Ph.D. Scholarships 1: NTU Research Scholarships

## **Eligibility Criteria**

A minimum of Honours (Distinction) or its equivalent.

#### **Bond**

There is no bond attached to the scholarship. Scholar is required to perform teaching & laboratory supervision duties to fulfil Graduate Assistantship Programme (GAP) hours.

|                              | For PhD candidates |
|------------------------------|--------------------|
| Singapore Citizen*           | S\$2,800           |
| Singapore Permanent Resident | S\$2,400           |
| International Student        | S\$2,200           |

For scholars who pass the Ph.D. Qualifying Examination/Confirmation, he/she may be eligible for an additional stipend of up to \$500 per month.

\*CPF contributions shall be provided, on top of the monthly stipend received.

# Ph.D. Scholarships 2: Singapore International Graduate Award (SINGA)

A 4-year PhD scholarship to allow international students to pursue their PhD in science and engineering in Singapore.

## **Eligibility**

Open for application to all international graduates with excellent academic results.

Good skills in written and spoken English.

Good reports from academic referees.

## Coverage

Tuition fees, monthly stipend of S\$2,200 and S\$2,700 before and after the Qualifying Exam.

#### **Bond**

There is no bond attached to the scholarship. Scholar is required to perform teaching & laboratory supervision duties to fulfil Graduate Assistantship Programme (GAP) hours.

## **English Requirement**

You can apply if you do not have GRE / IELTS / TOEFL / SAT I & II / GATE scores.

The selection panel will assess your spoken and written English during the interview.

# Ph.D. Funding Scheme 3: Postgraduate Tutorship Scheme (PTS)

## **Eligibility Criteria**

A minimum of Honours (Distinction) or its equivalent.

#### **Bond**

International student needs to sign service obligation.

Scholar is required to perform teaching and laboratory supervision duties to fulfil Graduate Assistantship Programme (GAP) hours.

# Other Ph.D. Scholarships

- A\*STAR Graduate Scholarship (AGS)
- Project funding from faculty

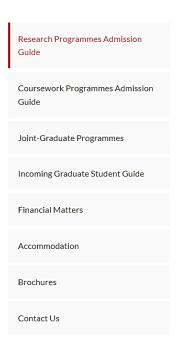
https://www.ntu.edu.sg/admissions/graduate/financialmatters/scholarships

# **Online Application**

Admission is in **August** or **January** each year.

Online application <a href="https://www.ntu.edu.sg/admissions/graduate/radmissionguide">https://www.ntu.edu.sg/admissions/graduate/radmissionguide</a>

> Admissions > Graduate > Research Programmes Admission Guide



## **Research Programmes Admission Guide**

Students are required to pursue an independent but supervised research on an approved topic based on which a thesis must be submitted for examination. Students are also required to attend classes and pass the examinations.

APPLY NOW

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## **Contact Us**

EEE Graduate Research Programme Office (GRPO)

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Admissions:

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