

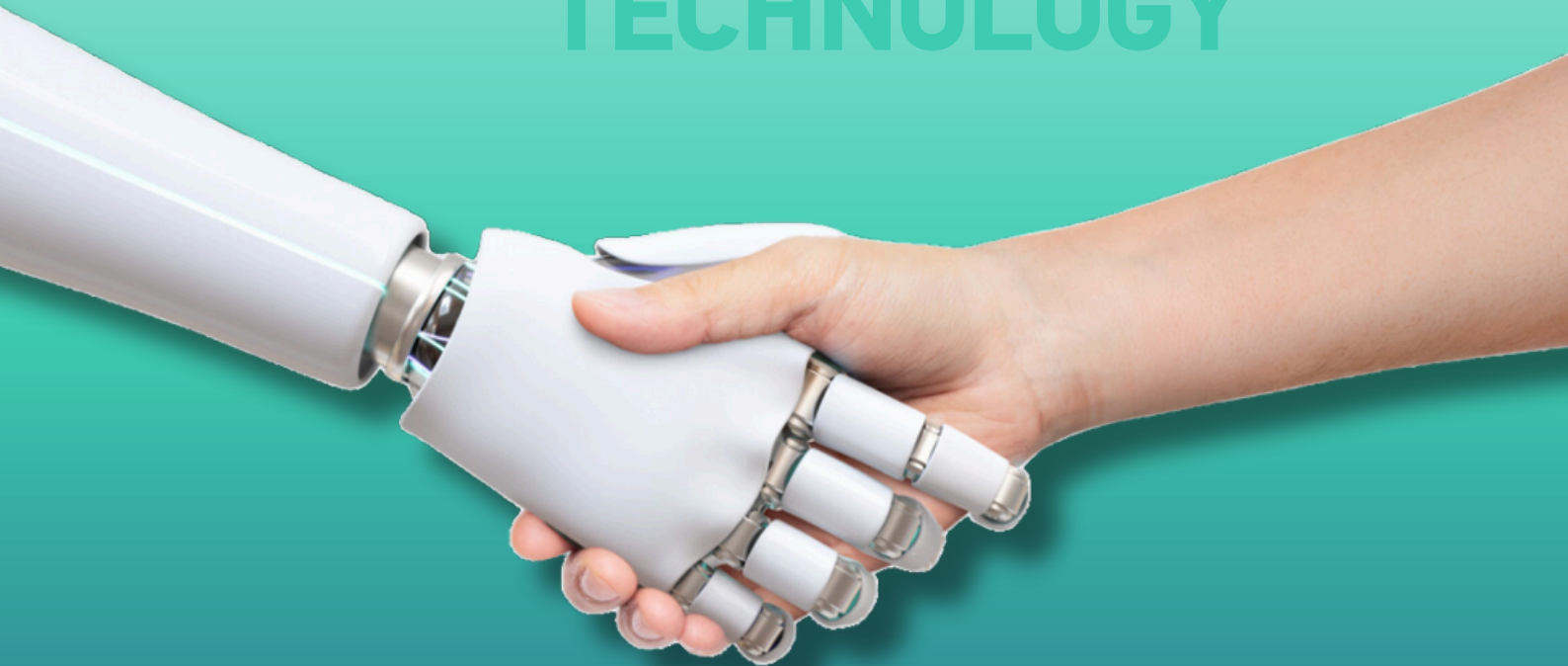


**NANYANG  
TECHNOLOGICAL  
UNIVERSITY**  
SINGAPORE

School of Electrical and  
Electronic Engineering  
College of Engineering

# BUILDING

## THE FUTURE OF TECHNOLOGY



# MASTER OF SCIENCE (MSc)

One degree, a world of opportunities

[www.ntu.edu.sg/eee](http://www.ntu.edu.sg/eee)

# Master of Science Programmes

The School of Electrical and Electronic Engineering (EEE) of NTU offers 5 Master of Science programmes in specialised fields, which are highly relevant and sought-after among several industries. Our well-developed and advanced curriculum provide graduate students with modern insights across various fields, thus enhancing their practical and research skills required by industries.



## Programme Overview of Individual Master of Science (MSc) Programmes

### MSc (Communications Engineering) programme:

An in-depth study into the broad area of communications engineering, this curriculum is a springboard for aspiring engineers to improve their knowledge and skills in the ever-evolving telecommunications and information industries. Buoyed by our teaching staff's valuable research experience, this programme promotes and develops career advancements for practicing engineers to become talented design engineers, readying them for high calibre R&D and arming them with an array of specialist skills.

### MSc (Computer Control & Automation) programme:

This programme is designed for Electrical Engineering graduates who are practicing engineers, R&D managers, automation system designers or industry planners who seek an in-depth understanding of sensing and control technology, issues of system stability and resilience, performance optimality and intelligence, and connectivity and cybersecurity of complex systems. Its robust and up-to-date framework prepares students for the fast-rising demands of the modern sensing, perception, control and optimization technologies in robotics and automation industries.

### MSc (Electronics) programme:

The scope of this programme ranges from IC design and microelectronics to optoelectronics. IC design deals with circuit design and analysis, signals in electronics, packaging and reliability. Microelectronics focuses on manufacturing, fabrication and semiconductor devices. Optoelectronic emphasises on display technologies, photonics and related topics. Together with a wide choice of elective courses, this course is designed to meet the global demands of engineers, leaders and researchers.

### MSc (Power Engineering) programme:

This programme is targeted at professional and practicing engineers, R&D managers, power system designers, industry planners and/or professionals working in Renewable Energy field who possess a keen interest in the fields of power generation and energy utilisation. Its robust and up-to-date framework prepares students for the burgeoning demands of the modern power/energy industries as well as renewables, their generation, conversion and utilisation techniques.

### MSc (Signal Processing and Machine Learning) programme:

The MSc (Signal Processing and Machine Learning) programme is designed for practicing engineers, hardware and software designers, data scientists, R&D managers, and industry planners who seek an understanding of current approaches and evolving directions for DSP and AI technologies. It is also intended for engineers and data scientists who anticipate future involvement in these areas.

For more information, please visit:

**MSc  
Communications  
Engineering  
Programme**



**MSc Computer  
Control &  
Automation  
Programme**



**MSc  
Electronics  
Programme**



**MSc Power  
Engineering  
Programme**



**MSc Signal  
Processing and  
Machine Learning  
Programme**



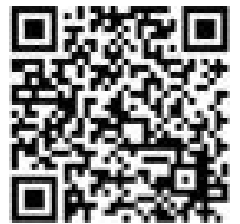
## Admission Requirements:

- A good and relevant Bachelor's degree.
- Relevant practical/working experience is an advantage.
- TOEFL/IELTS is required for graduates from universities with non-English medium of instruction.
- TOEFL Score (Test dates must be within 2 years or less from the date of application):
  - ≥ 563 (paper-based)
  - ≥ 223 (computer-based)
  - ≥ 85 (internet-based)
- IELTS Score (Test date must be within 2 years or less from the date of application):
  - ≥ 6.0

## How to Apply?

- Applicants must submit their applications with necessary supporting documents electronically via the Coursework Programme Graduate Admission website at <https://www.ntu.edu.sg/admissions/graduate/cwadmissionguide>
- EEE MSc Programmes have two intakes per academic year in August and in January.
- The application period typically runs from early November to late March for the August intake, and from early July to late August for the January intake. Please refer to the official website for specific dates as they may vary.

Coursework  
Programmes  
Admission Guide



**For EEE MSc Programmes admission enquiries, please email: [eee\\_mscadmission@ntu.edu.sg](mailto:eee_mscadmission@ntu.edu.sg)**

## Nanyang Technological University, Singapore (NTU Singapore)

MSc Programme Office  
School of Electrical and Electronic Engineering  
Block S2.1, 50 Nanyang Avenue,  
Singapore 639798

Website: [www.ntu.edu.sg/eee](http://www.ntu.edu.sg/eee)

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Website

