BUILDING
THE FUTURE OF TECHNOLOGY

MASTER
OF SCIENCE (MSc)
One degree, a world of opportunities

www.ntu.edu.sg/eee
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 practising 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 comprehensive study hones the skills of electrical engineers in the field of development, integration and operation of multi-disciplinary computer-based control and automation systems.

**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 practising 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:**
Signal processing and algorithm development are becoming increasingly multidisciplinary, and their applications can be found in many diverse engineering environments. This course is structured to facilitate an in-depth understanding of recent approaches and evolving trends in DSP and AI technologies. It is designed for engineers and postgraduate students who wish to step into this exciting and dynamic engineering discipline.

For more information on Admission Requirement, Programmes Structure and Duration, Curriculum, and Tuition Fees please visit:
Admission Requirements:

- A good 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.

Please refer to the following URL for the admission requirements (TOEFL/IELTS) https://www.ntu.edu.sg/admissions/graduate/cwadmissionguide

How to Apply?

- Applicants must submit their applications with necessary supporting documents electronically via the Coursework Programme Graduate Admission website at https://wis.ntu.edu.sg/webexe/owa/coal_main.notice
- EEE MSc Programmes have two intakes per academic year in August and in January.
- The application period will be from 1st November to 31st March for the August intake and 1st July to 31st August for the January intake.

For EEE MSc Programmes administrative enquiries, please email: eee_msc@ntu.edu.sg

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